



R50/5 R60/5 R75/5

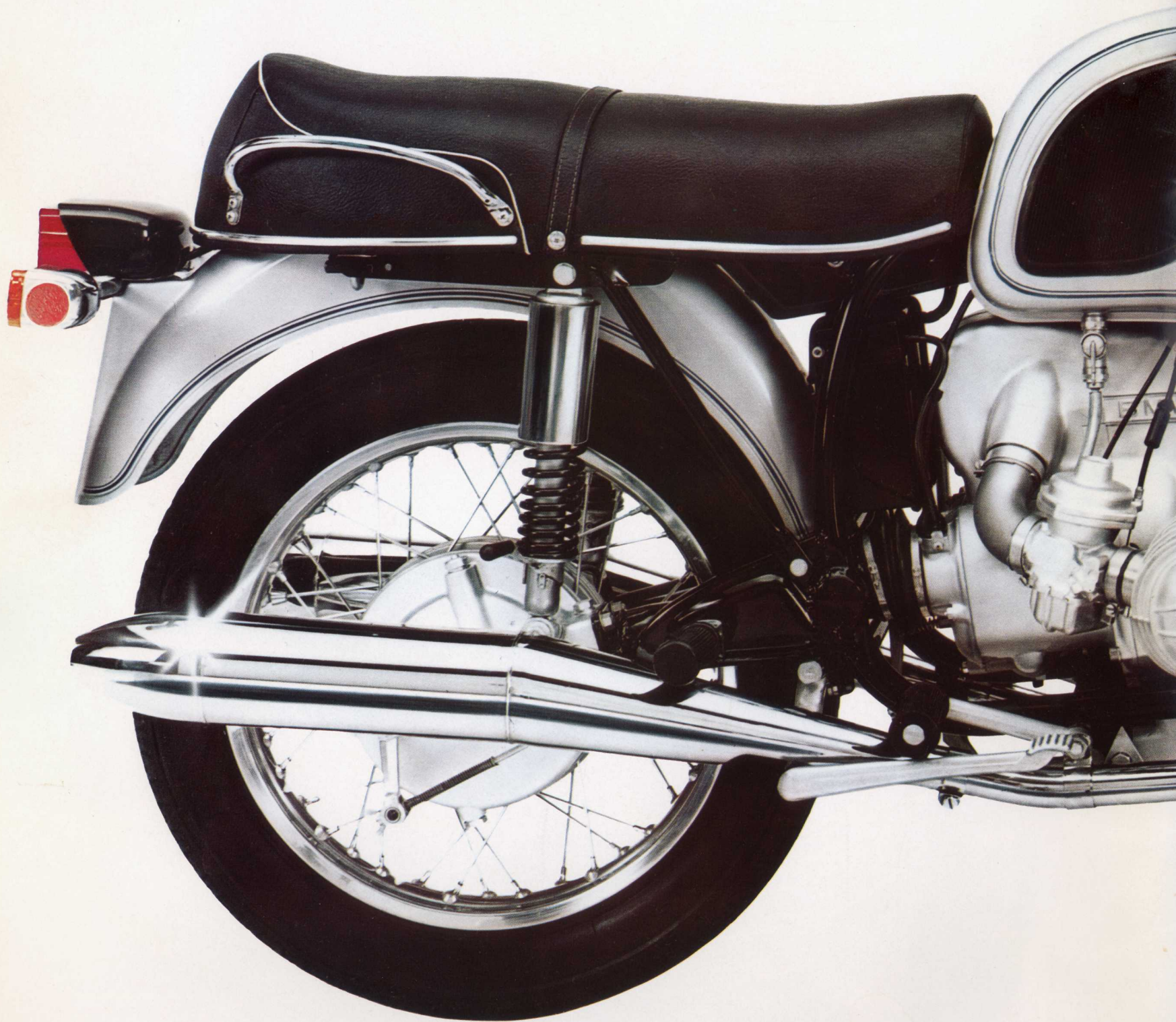


At the Bavarian Motor Works, we have always maintained a proud tradition: to build the finest machinery that man can produce to travel the roads, the seas, and the airways of the world. Since 1916, we have built aircraft engines, motorcycles, automobiles and marine engines to that uncompromising standard, and to that one alone.

This series of BMW motorcycles represents our latest achievement. Noth-

ing has been spared to make these machines the unchallenged leaders of the motorcycling world. Lighter, more manoeuvrable, and faster, yet even more powerful than their great ancestors, these motorcycles are superb examples of what it means to carry our white-and-blue insignia.

How good are they? Only BMW could build them.





BMW's renowned horizontal twin powers the finest, most advanced motorcycle in the world.

The engine is entirely new. Utilizing the Al-Fin process, a modern casting method unique in motorcycle construction, the aluminium housing is cast to the steel sleeves of the cylinders. This results in lower engine weight and optimum heat dissipation.

The high power output of this engine calls for a forged onepiece crankshaft. The camshaft is located below the crankshaft, to provide more efficient lubrication.

Concentric-float carburetors with conventional air slides are used on the R 50/5 and R 60/5. For the R 75/5, BING developed a vacuum-type carburetor, flexibly mounted to the cylinder head.

The variable cross-section, oval-tube frame, incorporating a detachable rear section, is very light and capable of taking enormous stress. The crossing of the tubes at the steering head provides extreme torsional rigidity while at the same time permitting the necessary flexibility in the vertical plane. The single tube underneath the gas tank allows a shallow tank tunnel which makes it possible to mount a tank with a capacity of approx. 6 gallons.

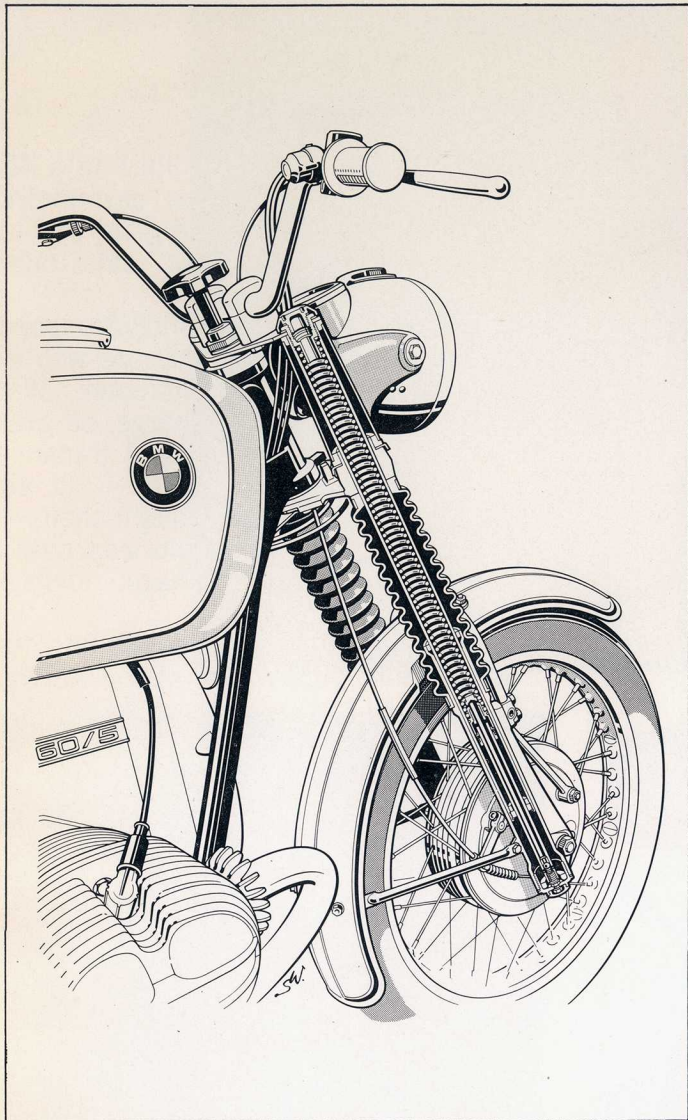
The telescopic front fork has hydraulic stops at full extension and full compression. For all practical purposes, it can't be bottomed. The eight-inch travel matched by the rear wheel travel of five inches, means maximum riding comfort.

The brake drums are cast to the aluminum hubs. The dimensions of the brakes are such that no distortion takes place, and full contact is maintained between drum and bonded shoes. The lining is of material where the coefficient of friction actually increases with temperature. As a result, the brakes simply will not fade. The rear brake of the BMW is rod-actuated. The linkage is designed to compensate for the up-and-down motion of the wheel.

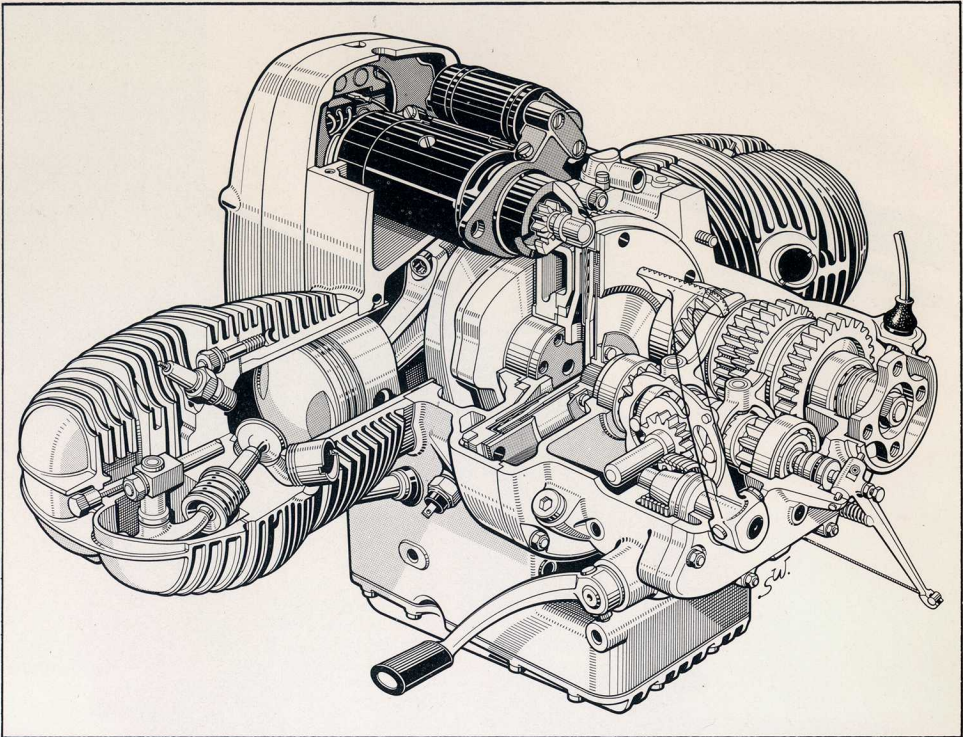
The BMW incorporates the finest electrical system available today. Power is furnished by a Bosch 12-volt, 3-phase alternator with six silicon diodes for rectification. The specially developed 15-Ah battery takes little space, is light-weight, and has a window for acid-level control. It provides for reliable starting even in cold-weather.

The electric starter is operated from a switch located on the handlebar. It is so wired as to make accidental engagement of starter gear impossible while engine is running.

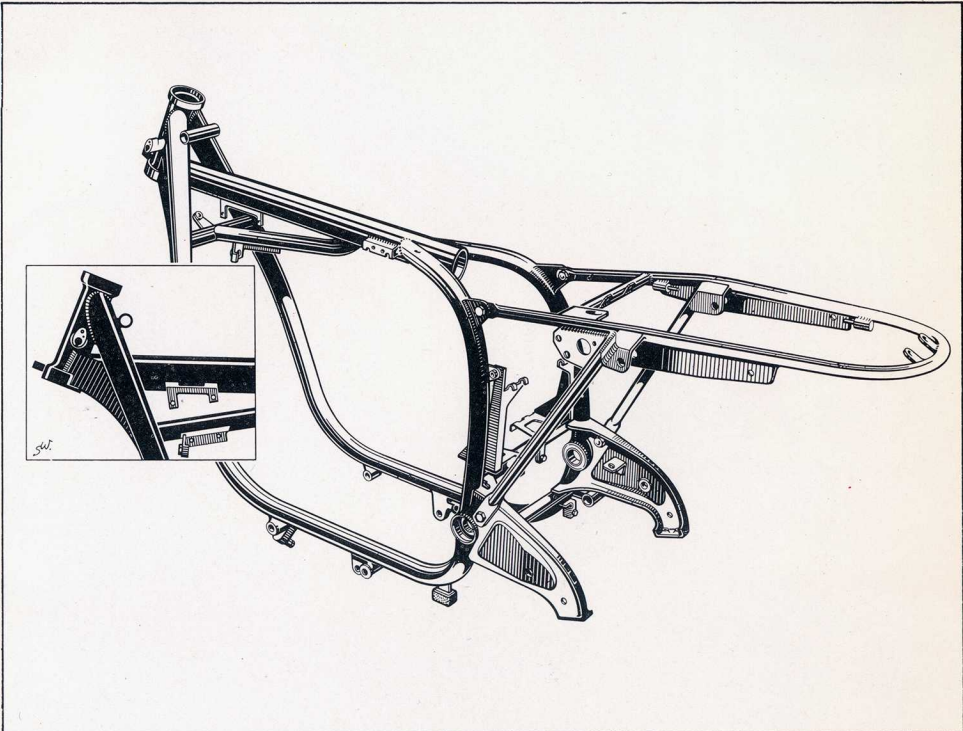




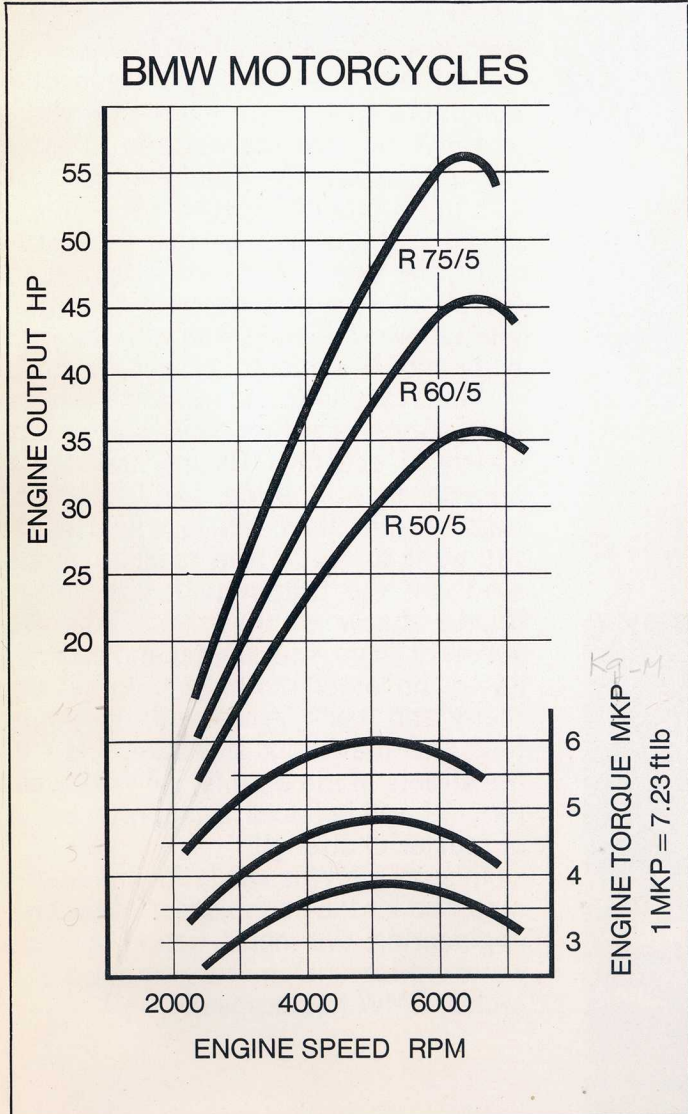
Details of the new BMW telescopic fork.



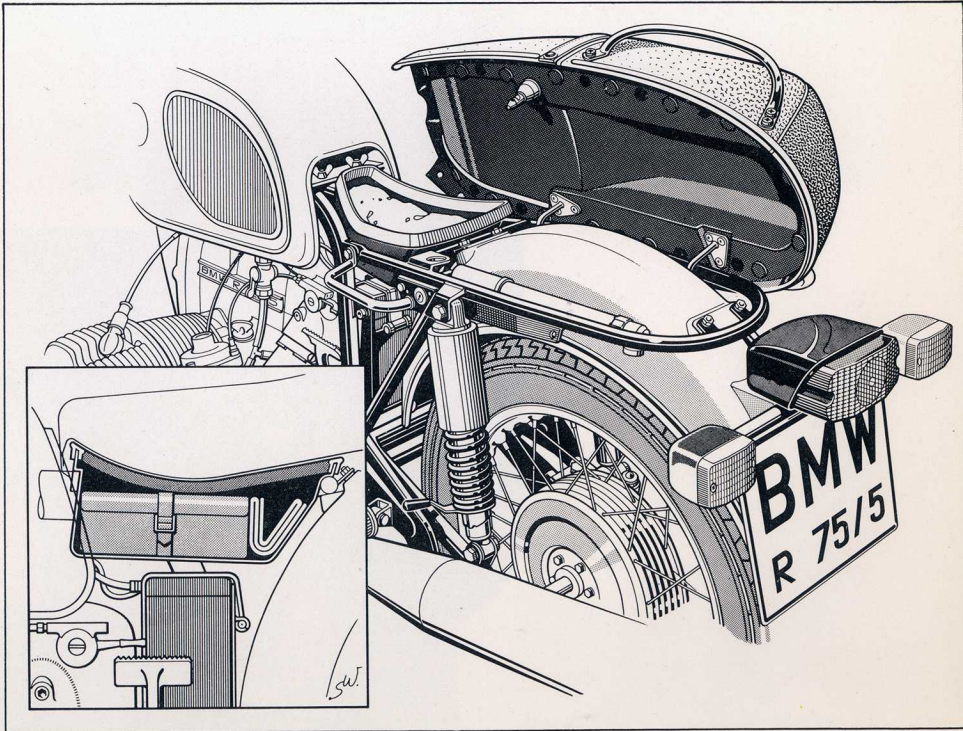
Cutaway view of engine and gearbox.



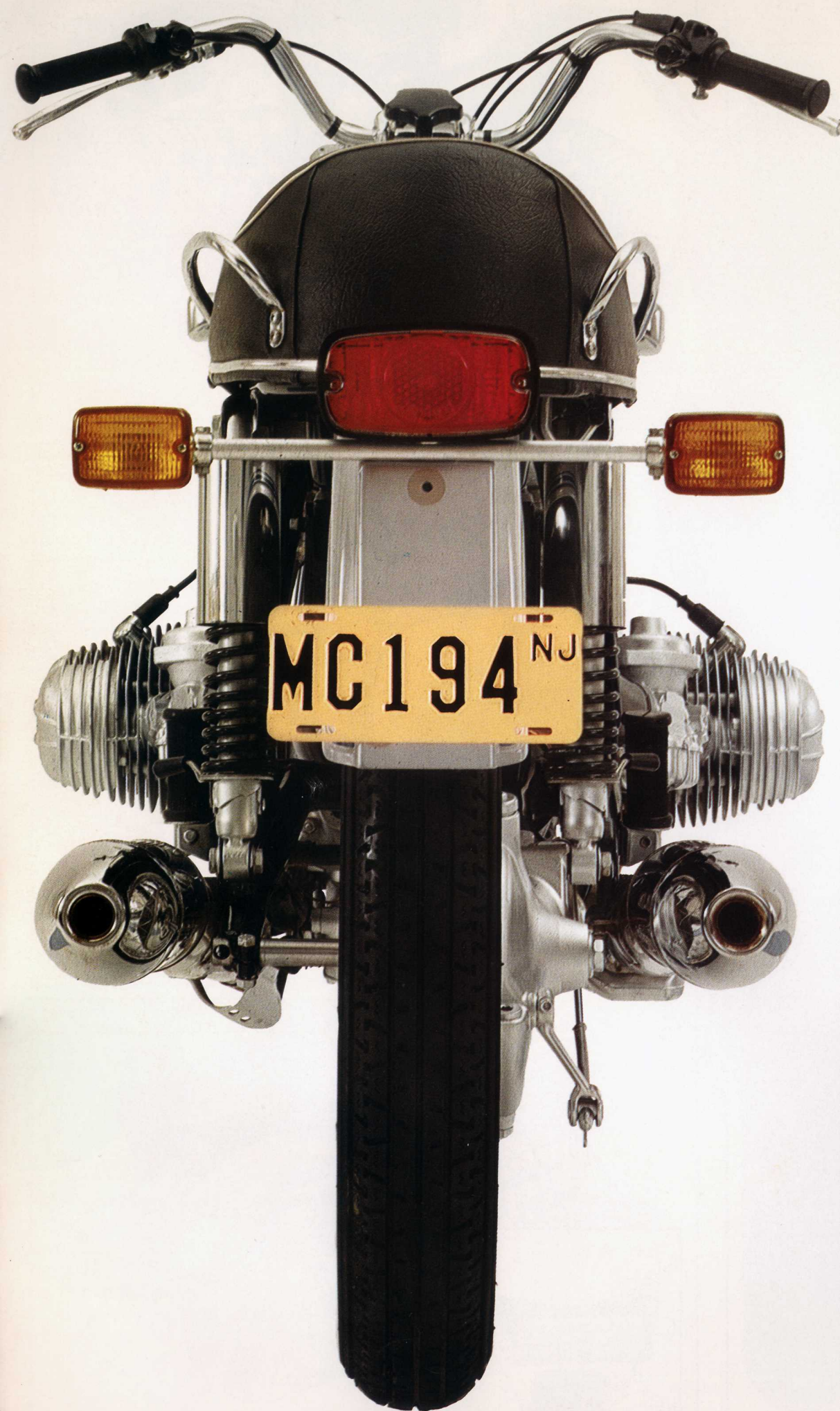
Frame with detachable rear section.



Performance chart.



View of the hinged dual-seat revealing the tool compartment.



The Bosch headlight, utilizing a 45/40 Watt bulb, throws an asymmetric beam pattern, minimizing glare and increasing illumination for safe night riding.

The instrument-cluster includes speedometer and mileage counter as well as mechanically-driven tachometer. Warning lights for battery charge, oil pressure, and the high-beam and transmission neutral indicator lights — all are combined within the headlight shell.

Factory-approved accessories are available including saddlebags, luggage carrier, and safety bars.

Unstinting efforts have gone into the design and construction of the BMW's. Every detail has been carefully considered to make the BMW's lighter, more powerful, and sportier.

These BMW's are the pinnacle of our 46-year history of motorcycle construction. For nearly a half-century we've worked with but one goal: to make BMW the best motorcycle in the world.

They have been exciting years, spent on race tracks and in endurance trials around the globe, proving our machines under the most demanding and punishing conditions, racking up record after record.

BMW has led the world in introducing innovations to improve the sport, offering solutions to problems — always ahead of the times. In this pioneering spirit, the new BMW's are designed for the sportsman of today and tomorrow. Light, powerful, agile, and with the reliability you've come to expect of BMW.

Motorcycling is the most exhilarating of all sports. No other offers such a wide variety of activities. Racing, trail riding, long-distance touring, and camping trips — the BMW will take you where you want to go. On the road or off the road. Off the beaten path. Off to the middle of nowhere if you wish. Wherever you want to go, you can depend on BMW as on no other motorcycle to get you there and back again with minimum fuss and maximum pleasure. Even on the streets of the big city, BMW is different — well-behaved, quiet, with an air of masterful strength.

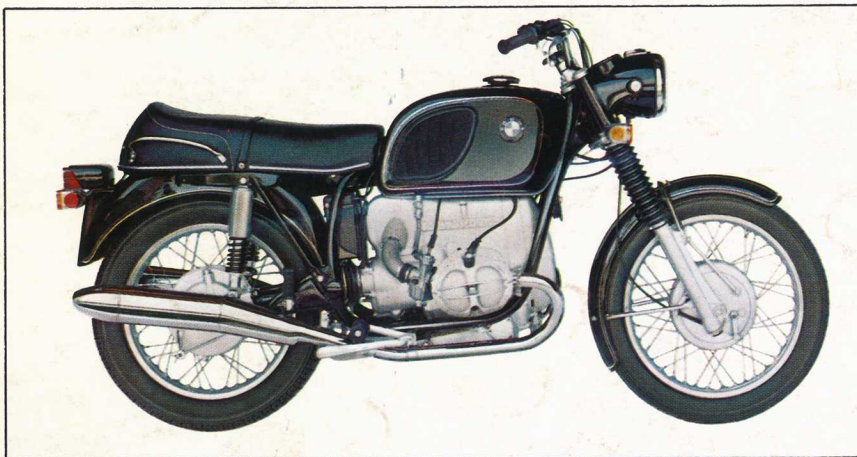
In sum, BMW is made for the sportsman, and for the connoisseur of superior engineering, fine construction, and old-world craftsmanship. Truly, among motorcycles, BMW has no peer.





R50/5

Displacement: 497.66 cc
Horsepower: 36 at 6600 rpm
Stroke/bore: 70.6/67 mm
Compression ratio: 8.6 : 1
Front tire and wheel: 3.25 x 19
Rear tire and wheel: 4.00 x 18
Weight: 410 lbs.
Over-all length: 82 1/2 inches
Saddle height: 33 1/2 inches
Top speed: 100 mph
Acceleration: 0 to 60 mph in 9.8 seconds
 Electric starter optional



R60/5

Displacement: 599 cc
Horsepower: 46 at 6600 rpm
Stroke/bore: 70.6/73.5 mm
Compression ratio: 9.2 : 1
Front tire and wheel: 3.25 x 19
Rear tire and wheel: 4.00 x 18
Weight: 421 lbs.
Over-all length: 82 1/2 inches
Saddle height: 33 1/2 inches
Top speed: 105 mph
Acceleration: 0 to 60 mph in 7.8 seconds
 Complete with electric starter



R75/5

Displacement: 745.3 cc
Horsepower: 57 at 6400 rpm
Stroke/bore: 70.6/82 mm
Compression ratio: 9.0 : 1
Carburetor: Bing vacuum
Front tire and wheel: 3.25 x 19
Rear tire and wheel: 4.00 x 18
Weight: 421 lbs.
Over-all length: 82 1/2 inches
Saddle height: 33 1/2 inches
Top speed: 110 mph
Acceleration: 0 to 60 in 6.1 seconds
 Complete with electric starter

Special Catalog on BMW Police Motorcycles available on request. Information and Price list on European delivery plan available on request.

EAST:

BUTLER & SMITH, INC.

P. O. DRAWER H

NORWOOD, N.J. 07648

WEST:

FLANDERS COMPANY

340 S. FAIR OAKS AVENUE

PASADENA, CAL. 91101

CANADA:

**BMW MOTORCYCLE
DISTRIBUTORS**

3335 YONGE STREET

TORONTO, 12 ONTARIO



BAVARIAN MOTOR WORKS

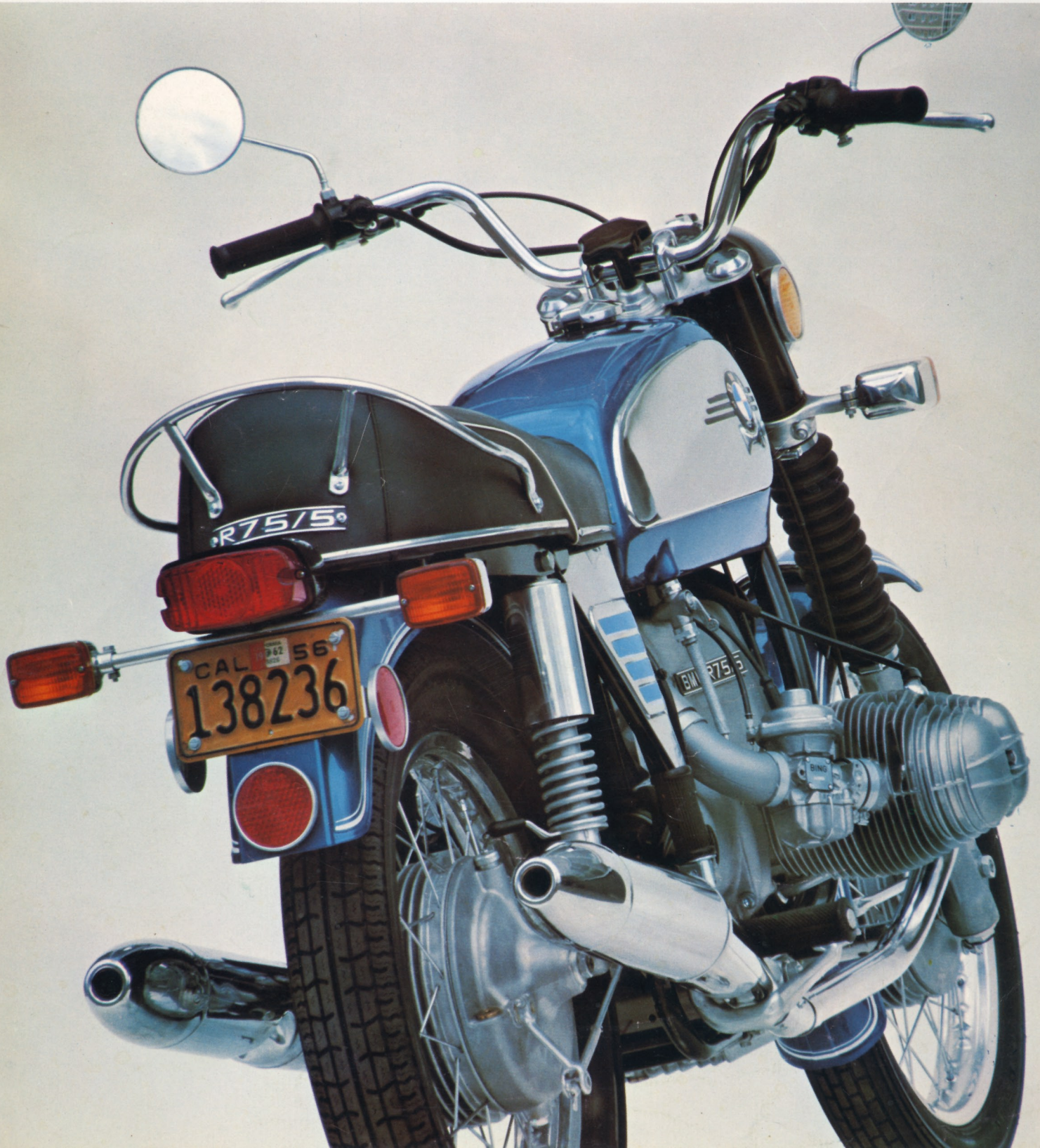
Your BMW Dealer

PHILIP FUNNELL

541 E. HASTINGS ST.

VANCOUVER, B.C.

Wunderbike



The 1972 BMW

The 1972 BMW is our best ever, incorporating nearly half a century of motorcycle engineering leadership. 500, 600 and 750 cc. 36, 46, and 57 hp respectively. A top speed of 110 mph. Acceleration, 0 to 60 mph in 6.1 seconds.

As with all BMW's, the '72 engine is identified by the distinctive, balanced horizontal twin cylinders. It provides light weight and maximum cooling. The engine, crankshaft and camshaft are contained in a tight-fitting, one-piece tunnel housing cast of high-grade Silium. The one-piece crankshaft, supported by three-layered solid bearings, is of drop-forged steel, amply dimensioned to take BMW's immense power output. Engine lubrication, incorporating a wet-sump, is provided by a camshaft driven Eaton-type rotor pump capable of moving 800 liters of oil per hour through the system at 6000 rpm.

The 500 and 600 cc BMW's are equipped with slide-controlled concentric float carburetors, utilizing an acceleration pump. The 750 has Bing vacuum-type carburetors. The diaphragm of the vacuum control regulates the power-output perfectly, achieving forceful, yet smooth,

engine performance. The carburetors are flexibly mounted to the engine to isolate them from engine vibration.

Running in an oil bath within the right rear swing arm, the driveshaft leads to the immensely strong spiral ring and pinion gears. Each of the ring and pinion gears is doubly supported by a needle bearing on one end and a ball bearing on the other. Because of BMW's careful running-in and adjustment during assembly, ring and pinion gears are completely silent.

The extremely strong, low-in-weight oval-tube cradle frame provides absolute torsional rigidity without loss of longitudinal flexibility. The rear section is separate and bolted on for easy replacement.

The telescopic front fork was introduced by BMW in 1935 and has become standard for motorcycle construction throughout the world. The front forks effect damping by hydraulic shock absorbers at full extension and compression. 8-inch plus vertical wheel travel in front is matched by nearly 5 inches of rear wheel travel for great roadability and matchless comfort.

BMW's brakes are virtually fade-proof, because they are specially designed so that friction actually increases with heat. The electric system was developed by Bosch and BMW and is the finest available today. A Bosch 12v alternator driven by the crankshaft feeds current even when the engine idles. Concealed by a mirror chrome plate under the dual seat, the lightweight 15 Ah battery provides for reliable electric starting even in cold weather. A relay underneath the tank prevents accidental engagement of starter gear when the engine is running. The Bosch headlight, utilizing a 45/40 watt bulb, throws an asymmetric beam pattern, minimizing glare and providing strong illumination for safe night riding. The instrument cluster located within the headlight housing holds the tachometer, speedometer and multi-colored warning lights for high/low beam, battery charge, oil pressure and neutral indicator. Electric turn signals fore and aft are, of course, standard equipment. The 1972 BMW's are available in black, white, and in metallic silver, curry and blue.







Vital statistics are:

R50/5

Displacement: 498 cc;
Horsepower: 36 at 6600 rpm;
Stroke/bore: 70.6/67 mm;
Compression ratio: 8.6:1;
Front tire and wheel: 3.25 S x 19;
Rear tire and wheel: 4.00 S x 18;
Weight: 410 lbs.;
Over-all length: 82 1/2 inches;
Saddle height: 33 1/2 inches;
Top speed: 100 mph;
Acceleration: 0 to 60 mph in 9.8 seconds;
Electric starter optional.

R60/5

Displacement: 599 cc;
Horsepower: 46 at 6600 rpm;
Stroke/bore: 70.6/73.5 mm;
Compression ratio: 9.2:1;
Front tire and wheel: 3.25 S x 19;
Rear tire and wheel: 4.00 S x 18;
Weight: 421 lbs.;
Over-all length: 82 1/2 inches;
Saddle height: 33 1/2 inches;
Top speed: 105 mph;
Acceleration: 0 to 60 mph in 7.8 seconds;
Complete with electric starter.

R75/5

Displacement: 745 cc;
Horsepower: 57 at 6400 rpm;
Stroke/bore: 70.6/82 mm;
Compression ratio: 9.0:1;
Carburetor: Bing vacuum;
Front tire and wheel: 3.25 S x 19;
Rear tire and wheel: 4.00 S x 18;
Weight: 421 lbs.;
Over-all length: 82 1/2 inches;
Saddle height: 33 1/2 inches;
Top speed: 110 mph;
Acceleration: 0 to 60 in 6.1 sec.;
Complete with electric starter.

Information and Price List on European Delivery Plan are available on request.

Sole U.S. Importer: **Butler & Smith, Inc.**

East: P. O. Box H, Norwood, New Jersey 07648

West: 135 East Stanley Street, Compton, California 90220

Canada: **BMW Motorcycle Distributors**, 204 Yorkland Blvd., Willowdale, Toronto, Ontario



Bavarian Motor Works

PHILIP FUNNELL
541 E. HASTINGS ST.
VANCOUVER, B. C.

Wunderbike



At the Bavarian Motor Works, we have always maintained a proud tradition: to build the finest machinery that man can make to travel the roads, the seas, and the airways of the world. Since 1916, we have built aircraft engines, motorcycles, automobiles and marine engines to that uncompromising standard of excellence.

The 1972 BMW motorcycles represent our latest achievement. Nothing has been spared to make these machines the unchallenged leaders of the cycling world. Sleeker, more maneuverable, and faster, yet even more reliable than their great ancestors, these motorcycles are superb examples of what it means to carry our white-and-blue insignia.

Motorcycling is the most exhilarating of all sports. No other offers such a wide variety of activities, from riding across town to long-distance touring, from trail riding to an exciting weekend trip with your best girl.

The BMW will take you where you want to go. On the road or off the beaten path. Off to the middle of nowhere if you wish. Wherever you want to go, you can depend on BMW as on no other motorcycle to get you there and back again with minimum fuss and maximum pleasure.

The 1972 BMW, like all BMW's, is identified by the distinctive horizontal twin cylinder engine. This layout is ideal for cooling since the air freely circulates around the exposed fins.

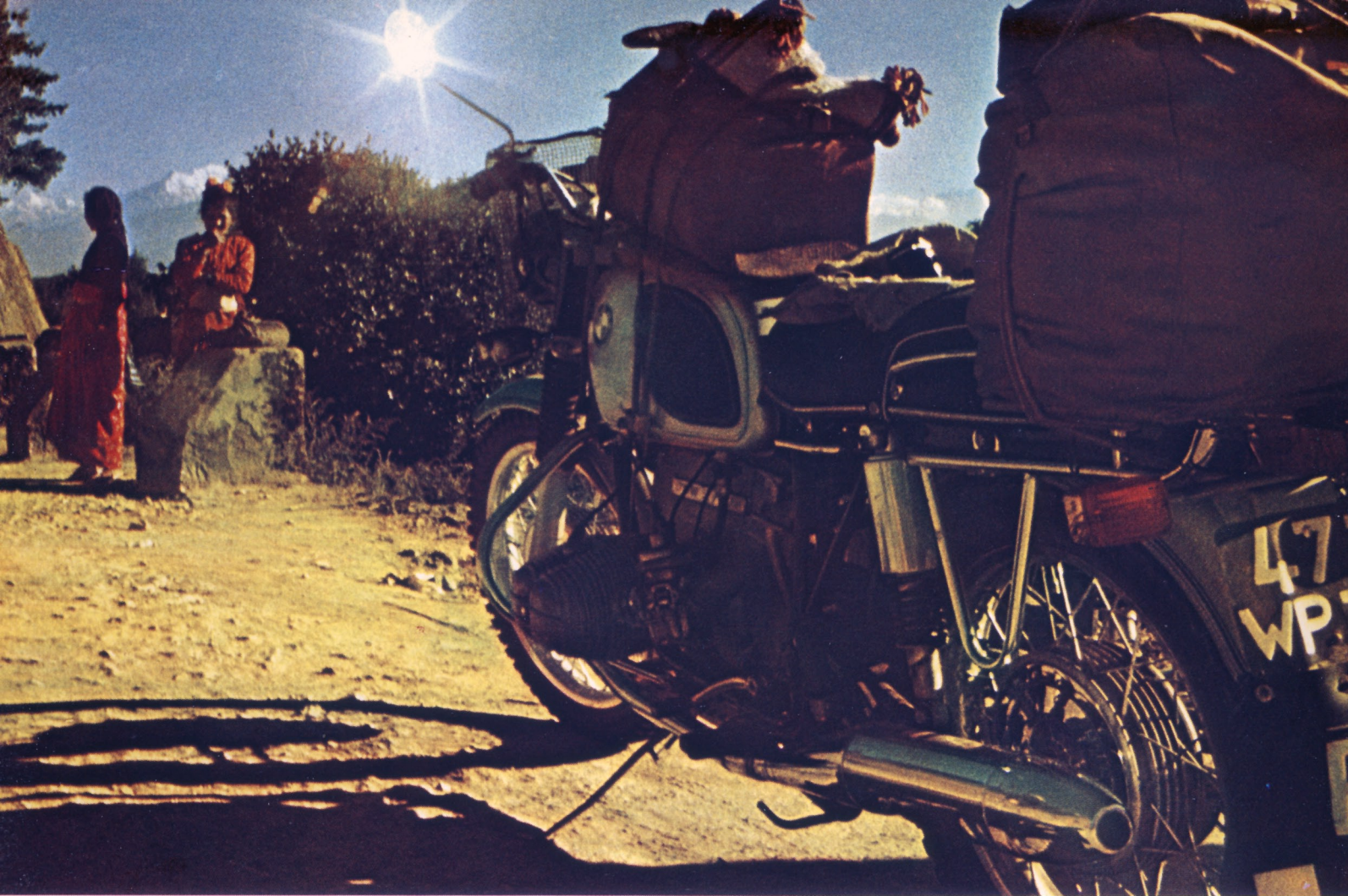
Heat dissipation is also further aided by the lightweight aluminum-alloy of the cylinders, bonded to their steel sleeves by an exclusive casting method unique in motorcycle construction.

A strong double-link timing chain drives the camshaft, which is located below the crankshaft for optimal lubrication: An Eaton wet-sump high pressure system pumps 200 gallons of oil per hour at 6000 RPM through a micromesh paper filter to every point of the engine.

The gear box is in line with engine, clutch and crankshaft. The shift mechanism provides a firm and positive engagement and shortest shift lever travel.

The drive-shaft is made of one-piece drop-forged steel, amply dimensioned to take the immense power output. It runs silently, its oil bath within the rear swing arm leading to the pinion and ring gear. Pinion and ring gear are doubly supported by a needle bearing on one end and a ball bearing on the other.





The 180 watt, 12-volt three-phase alternator delivers enough current to feed the entire electrical system and battery, even at engine idle.

The specially developed 15 Ah battery assures reliable starting even in cold weather. The wiring of the automotive type electric starter makes accidental engagement of the starter gear impossible while engine is running.

The Bosch headlight, utilizing a 45/40 watt bulb, throws an asymmetric beam pattern, minimizing glare and providing strong illumination for safe night riding.

The instrument cluster, located within the headlight-housing, holds the tachometer, speedometer, multi-colored indicator and warning lights.

The telescopic front fork has hydraulic stops at full extension and full compression. For all practical purposes, it can't be bottomed. The eight-inch travel matched by the rear wheel travel of five inches means maximum riding comfort. The rear suspension is adjustable to the desired degree of stiffness by a three-position lever.

Brakes simply will not fade. Their dimensions are so rigid that no distortion takes place, and full contact is maintained between drum and bonded shoes. The lining is of a material where the coefficient of friction actually increases with temperature.

The safety side-stand is self-retracting.

Our new handsomely styled fuel tank, with its attractive chrome panels allows a traveling range of approx. 250 miles. For the true touring-rider a 6 gallons tank is available as accessory, allowing a traveling range of approx. 320 miles. The 1972 BMW's are available in black, white, metallic-silver, metallic-curry and metallic-blue.

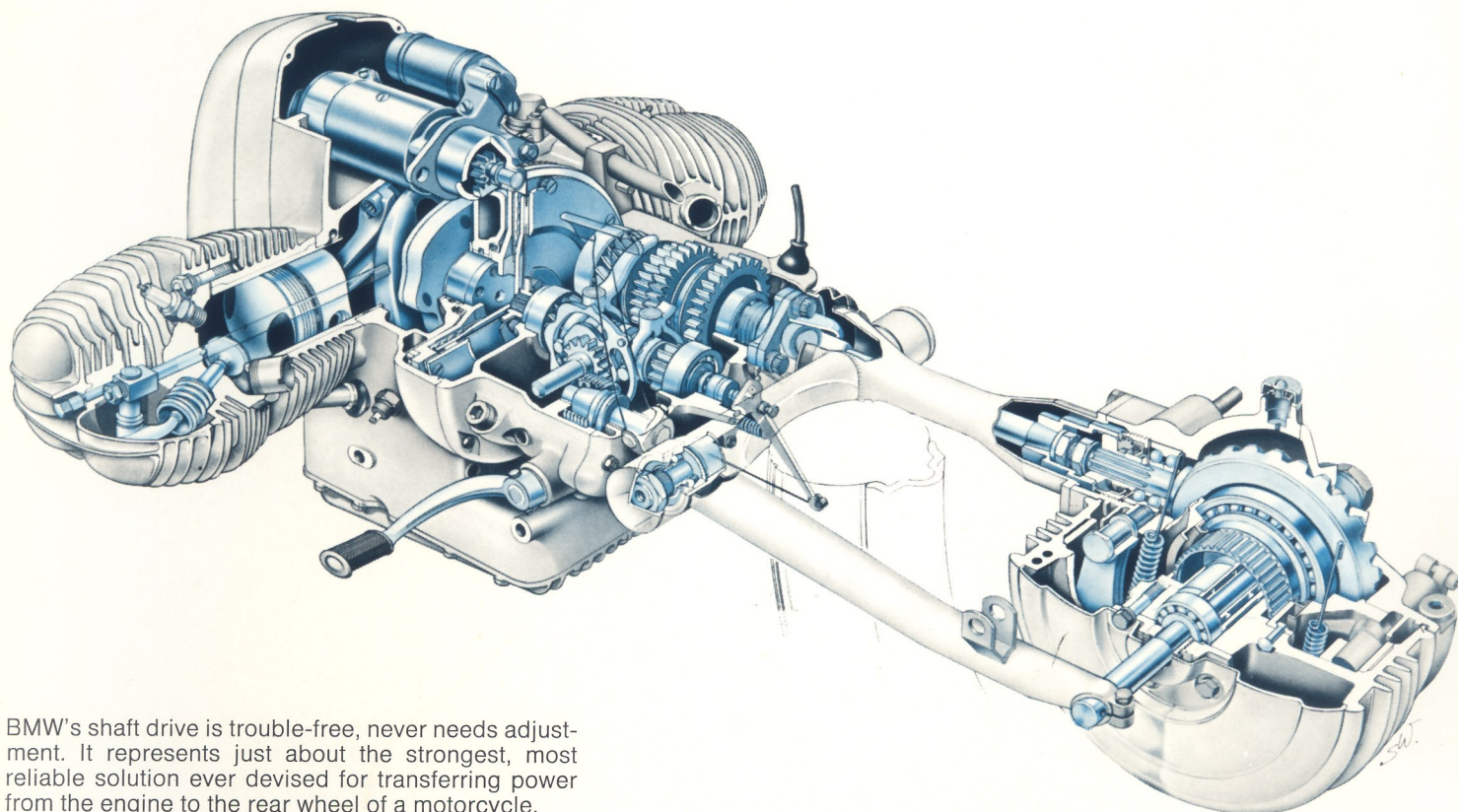
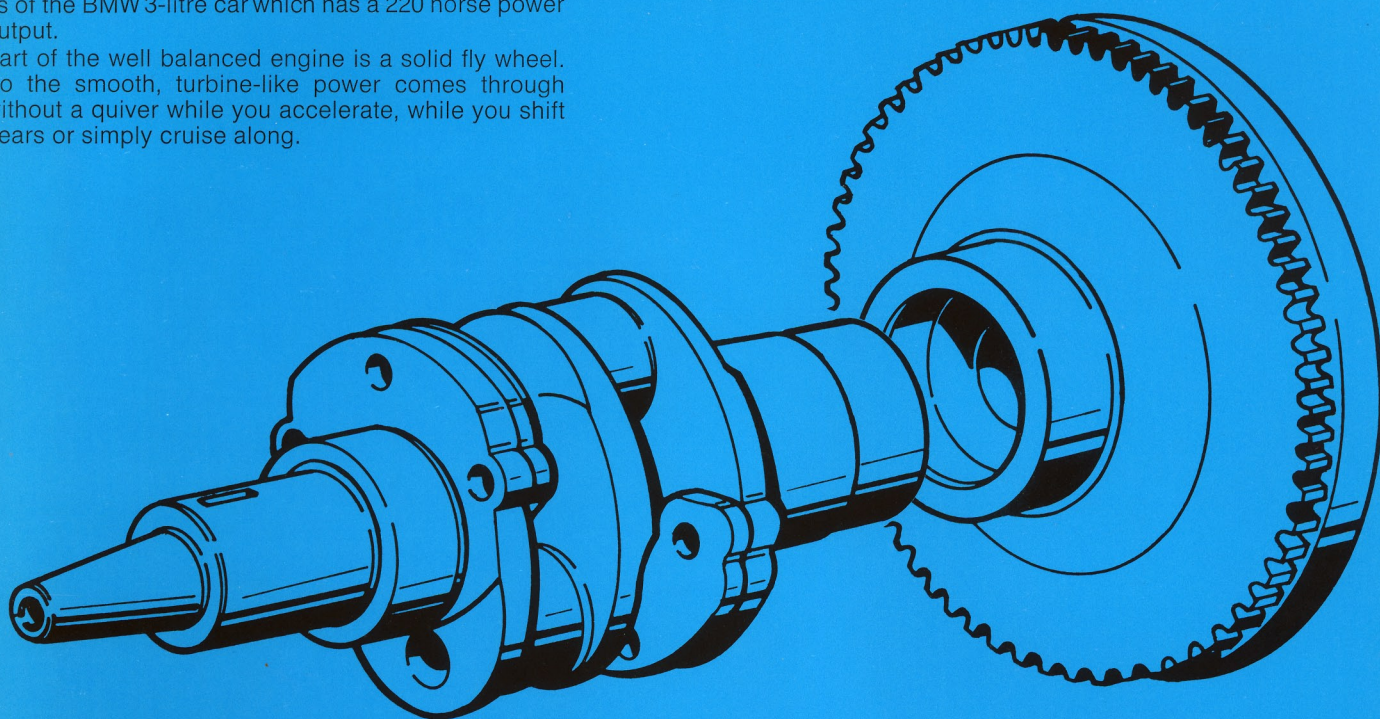
Factory-approved accessories are available including saddlebags, luggage carriers, and safety bars.

For years BMW has been a leader in combating noise pollution. Because of BMW's careful running-in treatment and adjustment during assembly, pinion and ring gears in BMW's power train run silently and a costly muffler system makes BMW quieter: The best motorcycle in the world is also the quietest.



The immensely rigid, single-piece drop-forged crankshaft is the heart of the engine. The bearing dimensions of crankshaft and connecting rods are the same as of the BMW 3-litre car which has a 220 horse power output.

Part of the well balanced engine is a solid fly wheel. So the smooth, turbine-like power comes through without a quiver while you accelerate, while you shift gears or simply cruise along.



BMW's shaft drive is trouble-free, never needs adjustment. It represents just about the strongest, most reliable solution ever devised for transferring power from the engine to the rear wheel of a motorcycle.



R50/5

Displacement: 498 cc;
Horsepower: 36 at 6600 rpm;
Stroke/bore: 70.6/67 mm;
Compression ratio: 8.6:1;
Front tire and wheel: 3.25 S×19;
Rear tire and wheel: 4.00 S×18;
Weight: 410 lbs.;
Over-all length: 82½ inches;
Saddle height: 33½ inches;
Top speed: 100 mph;
Acceleration: 0 to 60 mph in 9.8 seconds;
Electric starter optional.

R60/5

Displacement: 599 cc;
Horsepower: 46 at 6600 rpm;
Stroke/bore: 70.6/73.5 mm;
Compression ratio: 9.2:1;
Front tire and wheel: 3.25 S×19;
Rear tire and wheel: 4.00 S×18;
Weight: 421 lbs.;
Over-all length: 82½ inches;
Saddle height: 33½ inches;
Top speed: 105 mph;
Acceleration: 0 to 60 mph in 7.8 seconds;
Complete with electric starter.

R75/5

Displacement: 745 cc;
Horsepower: 57 at 6400 rpm;
Stroke/bore: 70.6/82 mm;
Compression ratio: 9.0:1;
Carburetor: Bing vacuum;
Front tire and wheel: 3.25 S×19;
Rear tire and wheel: 4.00 S×18;
Weight: 421 lbs.;
Over-all length: 82½ inches;
Saddle height: 33½ inches;
Top speed: 110 mph;
Acceleration: 0 to 60 in 6.1 sec.;
Complete with electric starter.

Information and Price List on European Delivery Plan are available on request.

Sole U.S. Importer: **Butler & Smith, Inc.**

East: P. O. Box H, Norwood, New Jersey 07648

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Bavarian Motor Works

PACIFIC CYCLE CO. LTD.
720 E. HASTINGS STREET
VANCOUVER 4, B. C., 255-6554

R 50/5

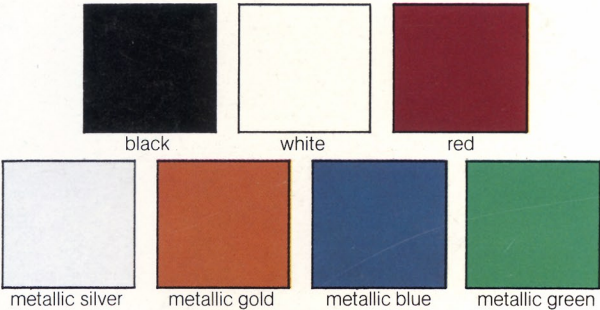
Displacement: 498 cc;
Horsepower: 36 at 6600 rpm;
Stroke/bore: 70.6/67 mm;
Compression ratio: 8.6:1;
Front tire and wheel: 3.25 Sx19;
Rear tire and wheel: 4.00 Sx18;
Weight: 423 lbs.;
Saddle height: 33½ inches;
Top speed: 100 mph;
Acceleration: 0 to 60 in 9.8 sec.;
Complete with electric starter.

R 60/5

Displacement: 599 cc;
Horsepower: 46 at 6600 rpm;
Stroke/bore: 70.6/73.5 mm;
Compression ratio: 9.2:1;
Front tire and wheel: 3.25 Sx19;
Rear tire and wheel: 4.00 Sx18;
Weight: 423 lbs.;
Saddle height: 33½ inches;
Top speed: 105 mph;
Acceleration: 0 to 60 in 7.8 sec.;
Complete with electric starter.

R 75/5

Displacement: 745 cc;
Horsepower: 57 at 6400 rpm;
Stroke/bore: 70.6/82 mm;
Compression ratio: 9.0:1;
Carburetor: Bing vacuum;
Front tire and wheel: 3.25 Sx19;
Rear tire and wheel: 4.00 Sx18;
Weight: 423 lbs.;
Saddle height: 33½ inches;
Top speed: 110 mph;
Acceleration: 0 to 60 in 6.1 sec.;
Complete with electric starter.



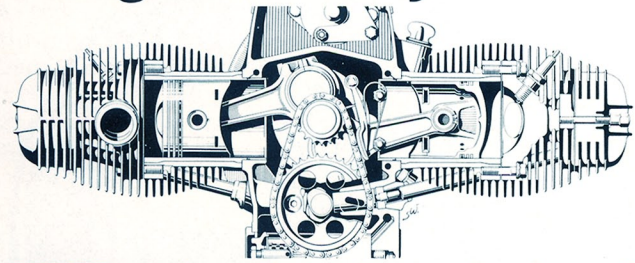
Information and Price List on European Delivery Plan are available on request.
Canada: **BMW Motorcycle Distributors**, 204 Yorkland Blvd., Willowdale, Toronto, Ontario

Bavarian Motor Works



BMW builds the finest motorcycles in the world.

What BMW quality and design mean to you:



BMW's unique flat-twin engine layout

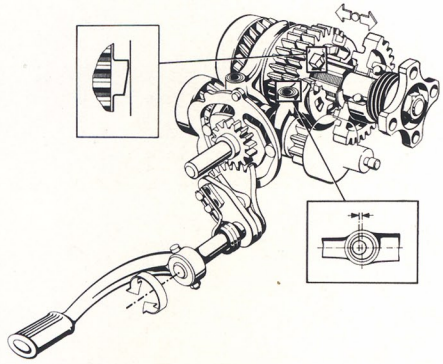
gives you three big advantages: Better cooling, better balance, and less vibration. In fact, there has never been a more advantageous engine layout for two-wheeled machinery than BMW's horizontally-opposed cylinders. They are in the best position for cooling: out in the breeze as you ride. The engine position also contributes to BMW's extraordinarily low center of gravity. Even at very slow speeds, weaving in and out of traffic, you'll never feel the need to take your feet off the pegs. And as both pistons move in and out simultaneously, they counterbalance each other so that hardly any vibration can be felt. Neither through the foot-pegs nor through the handlebars. This is why no multi-cylinder motorcycle engine, no in-line, no V, no other configuration can surpass BMW for smoothness. On short or long rides, BMW's smoothness greatly reduces rider fatigue.

BMW's famed shaft drive gives you three big advantages: The drive-train is maintenance-free, clean and practically indestructible. Unlike a drive chain, the BMW shaft never needs tightening or other adjustments. It runs silently in its sealed oil bath. Stays clean, because it is totally enclosed within the right rear swing arm. Immensely strong, of one-piece high-tensile steel, it will last the life of the motorcycle. The BMW shaft transfers power from the engine to the rear wheel in the most efficient manner possible. BMW's direct drive is fool-proof, while the chains of ordinary motorcycles require frequent tinkering, and can break.

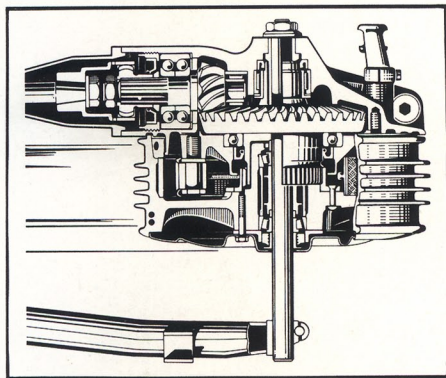
BMW's quality construction gives you three big advantages: Dependability, beautiful appearance and great resale value. No other motorcycle is better built or better finished. Not only on the surface; every part is made with the same great care and precision, even if it's inside where nobody can see it. The result is that a BMW lasts longer than an ordinary machine and will require nowhere near as much maintenance. Many BMW owners have ridden their machines for years with no repairs whatsoever. And resale? No motorcycle holds its value like a BMW.



BMW gives you both a fast, exciting, sporty ride and clean, quiet, dependable performance.

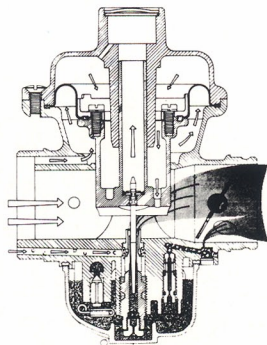


BMW's gearbox is ruggedly constructed to last for years, to withstand the heaviest demands, and to perform reliably in every situation. Engagement of each gear is fast and positive. BMW's close-ratio, four-speed transmission permits quick shifting through the entire rpm range.

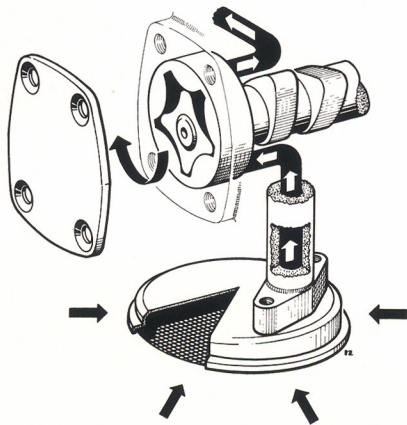


BMW's shaft drive is the cleanest and most efficient way possible to transfer power from the engine to the rear wheel. An internally splined coupling connects with the rear drive and allows lateral movement. This makes the length variation of the shaft drive possible. Unlike the chain of an ordinary motorcycle, which is constantly stretched and slackened by the movement of the rear suspension, BMW's shaft drive stays snugly fit and never needs adjusting. The drive shaft leads to the precisely matched and immensely strong ring and pinion gear. Each of these is double supported by a needle

bearing on one end and ball bearings on the other. Because of BMW's sophisticated engineering, ring and pinion gear is completely silent.

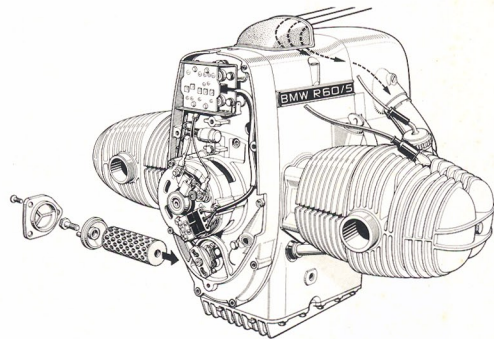


Carburetors. The BMW R 75/5 features two Bing vacuum-type carburetors. A large diaphragm controlled by the engine vacuum regulates the position of the jet needle to assure perfect engine performance at all times. The R 50/5 and R 60/5 are fitted with slide-controlled carburetors with concentric floats that provide proper fuel flow and smooth engine reaction.



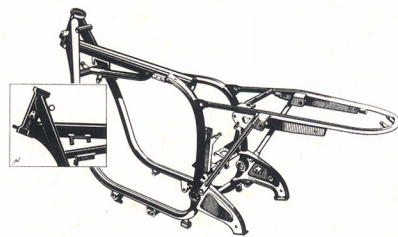
BMW's engine lubrication, incorporating a wet-sump, is provided by the camshaft-driven Eaton-type rotary pump capable of moving 210 gallons of oil per hour through the system. That's about a bathtub of oil every 15 minutes. The oil is

passed through a micro-mesh paper filter, assuring that only clean lubricant is delivered to every point.



BMW's electrical system

is the best there is. The Bosch 12 V, 3-phase alternator driven by the crankshaft feeds current even when the engine idles. The specially-developed battery provides for reliable starting, even at low temperatures. Neatly enclosed inside the engine housing is a 1/2 HP automotive-type starter, which works in any gear. A relay located underneath the tank prevents engagement of starter gear when engine is running.



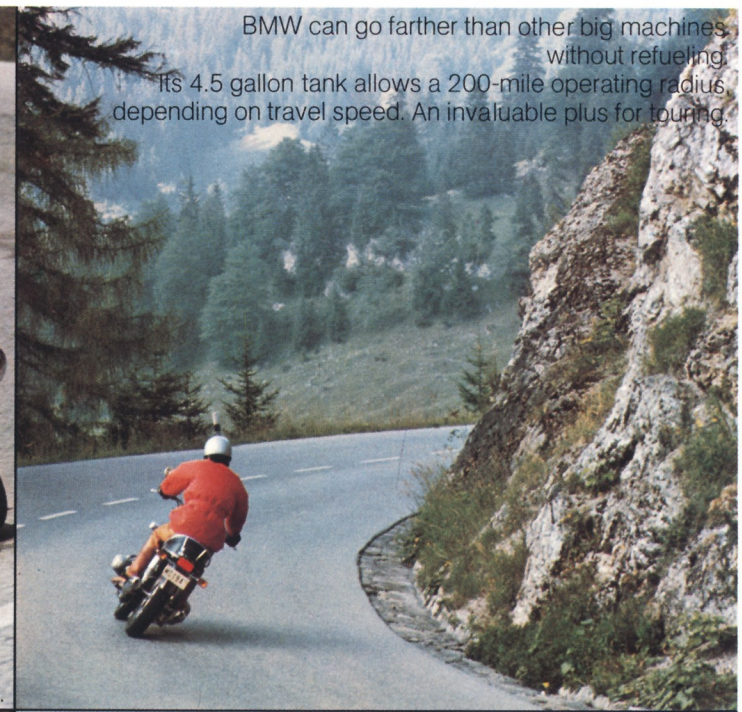
BMW's frame is a variable cross-section oval-tube cradle, light in weight, yet enormously strong. The crossing of the tubes at the steering head gives absolute torsional rigidity, while retaining the necessary longitudinal flexibility. The joints are welded by the reliable hydrogen-arc method used in the building of atomic reactors, a reflection of the overall quality of BMW. The rear wheel swing arm is supported by taper roller bearings, which hold it in perfect alignment.



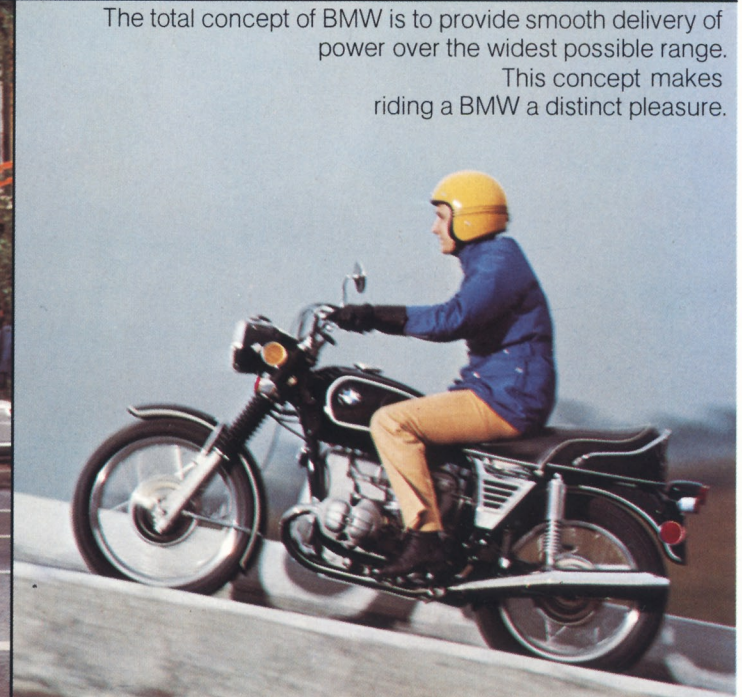
Even though a BMW is a superbike, it handles like a lightweight because of its power-to-weight ratio, and because of the machine's low center of gravity. BMW is a remarkable 40 to 100 pounds lighter than comparable machines. At 423 pounds, its fantastic maneuverability becomes apparent at the very first ride.



A truly civilized motorcycle. BMW's silence is proverbial. Where other makes add to the cities' ever-increasing noise pollution, BMW goes with quiet authority - the silent superbike.



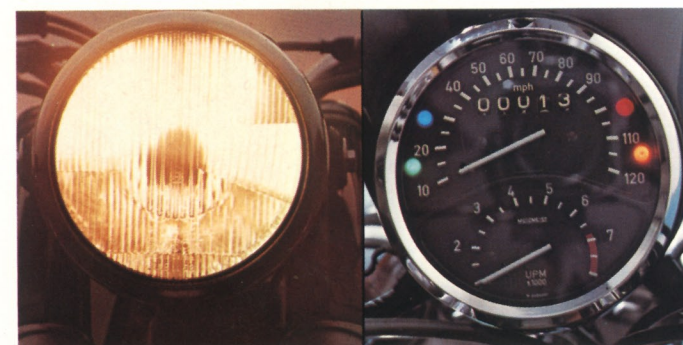
BMW can go farther than other big machines without refueling. Its 4.5 gallon tank allows a 200-mile operating radius depending on travel speed. An invaluable plus for touring.



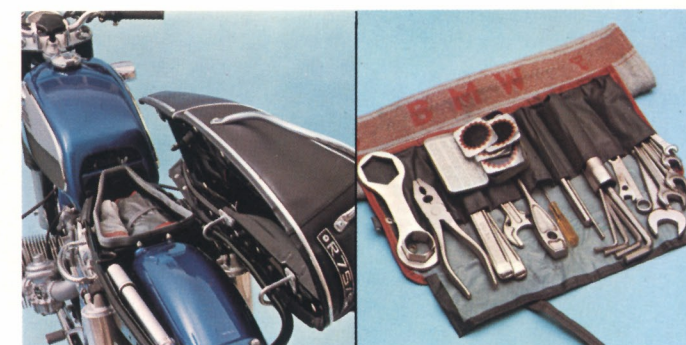
The total concept of BMW is to provide smooth delivery of power over the widest possible range. This concept makes riding a BMW a distinct pleasure.

BMW is famous for great power combined with tremendous maneuverability.

BMW, unsurpassed for touring and sport.



The brilliant Bosch headlight throws an asymmetric beam pattern that minimizes glare while giving excellent illumination for safe night-riding. The headlight housing holds the instrument cluster with speedometer as well as tachometer. For safety and one-glance visibility, indicator lights for battery charge, oil pressure, high-beam, turn signal and neutral are incorporated. The functional layout of the controls makes them instantly accessible.



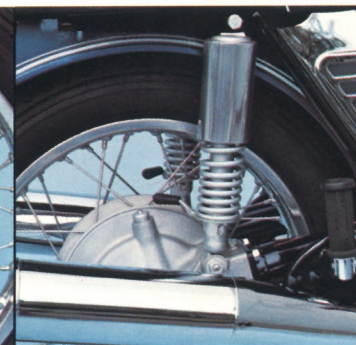
For convenience, BMW gives you a 26-piece precision-tool kit. It is locked away under the flip-up dual-seat designed for long distance comfort. BMW parts service is recognized as the best in the industry. The interchangeability of parts is of tremendous advantage to the owner. Parts are available through authorized BMW dealers coast to coast.



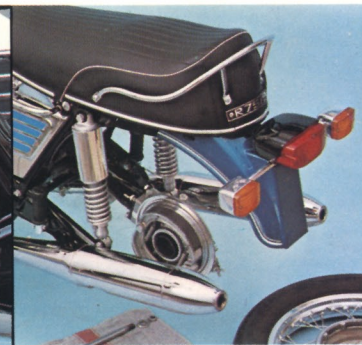
BMW's telescopic fork has hydraulic stops at full extension and compression. The long 8-inch travel of the front fork is tuned to the 5-inch rear suspension for unequalled roadability and riding comfort.



BMW's superb double-leading-shoe front brake is virtually fade-proof. Efficiency actually increases with heat. It is one of the best in performance. Its great stopping power is smooth and sure, giving you a perfect feeling of safety.



The rear suspension can be adjusted to three different positions depending on weight of rider, passenger, and luggage. This assures maximum comfort under all possible conditions. No tools are needed for this easy operation.



BMW front and rear wheels have knock-out axles so they can be removed and replaced with equal ease should this become necessary. No adjustments, no chain to remove, no alignments needed. Wheels always stay in place.

The BMW is a joy to behold, a joy to ride and a joy to own. The pride you will experience in the ownership of a BMW is a special pleasure all by itself. Fifty years of motorcycle engineering and know-how make this the undisputed world's-best two-wheeled machinery for road and street. The initial investment for such a fine motorcycle is

a bit higher than for an ordinary motorcycle, but BMW gives more real value for the money. In the long run the savings outweigh the initial outlay because of low maintenance cost, operating economy, and long operating life. And because there is no built-in obsolescence in a BMW, resale value is higher than that of any other machine.



BMW

R 90/6

R 75/6

R 60/6

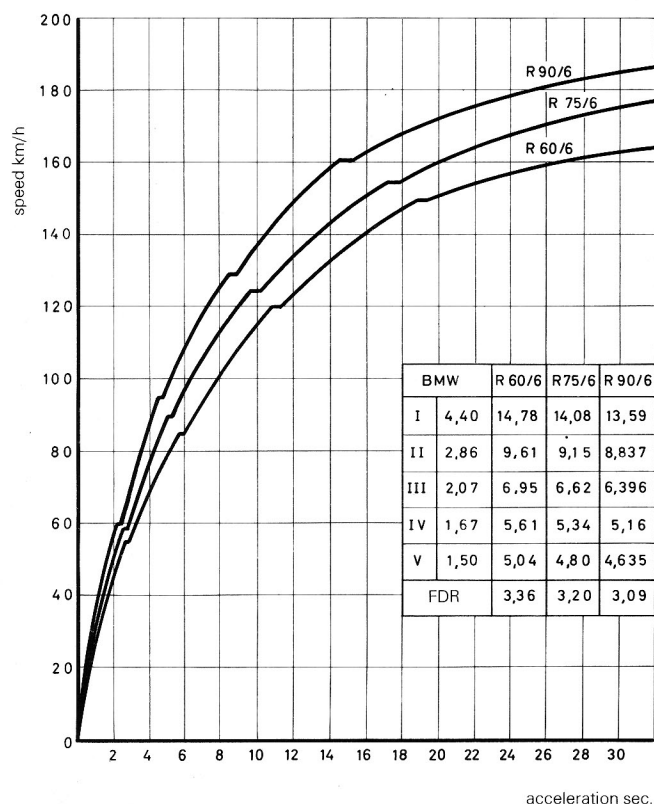
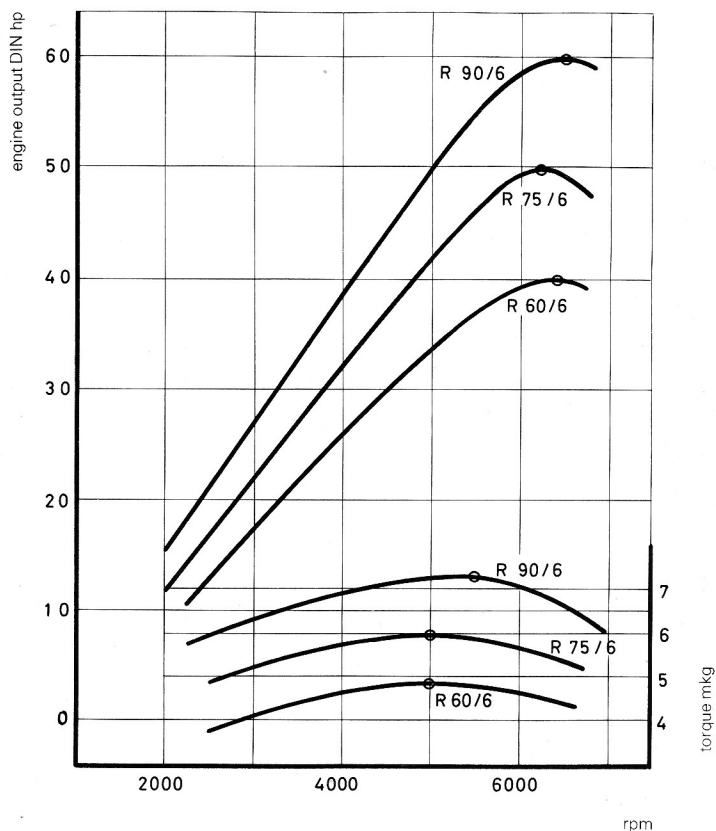


The BMW Concept

BMW has been building great motorcycles since 1923. Our machines are famous for their outstanding quality and workmanship, for their top performance, their riding comfort, and long operating life.

Over this half-century of motorcycle construction, BMWs have won more than 2,000 gold medals, and set over 200 world records, many of which still stand. Thus it is evident that we have remained faithful to our original concept: to build truly superior two-wheeled road machinery.

With BMW's powerful horizontal twin engine. BMW's trouble-free shaft drive. BMW's unsurpassed suspension. Because above all else, we know ourselves what it means to experience motorcycling at its best. BMW - pure riding pleasure.







Design

The basic premise underlying BMW's approach to design is that form cannot be divorced from function. Thus at BMW, styling and performance go hand in hand. A BMW has a strong, purposeful appearance precisely because it is a fast, powerful machine.

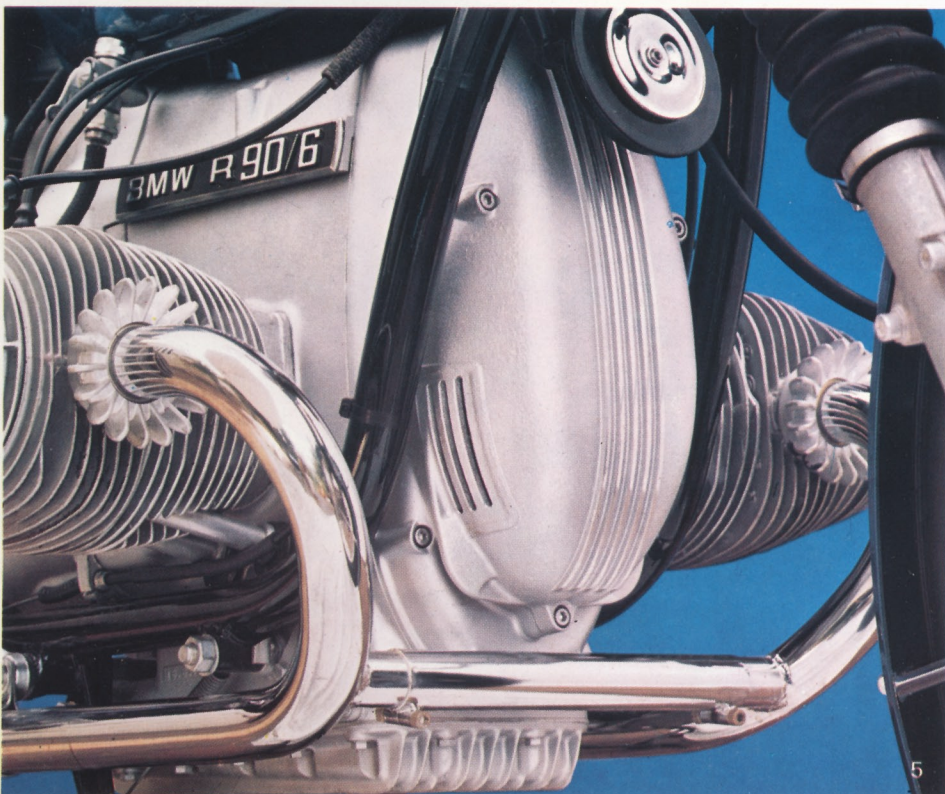
It is no wonder, then, that the fuel tank on a BMW is as capacious as it is clean-lined. That its seat is as comfortable as it is stylish. That its exhaust system is as efficiently quiet as it is handsome.

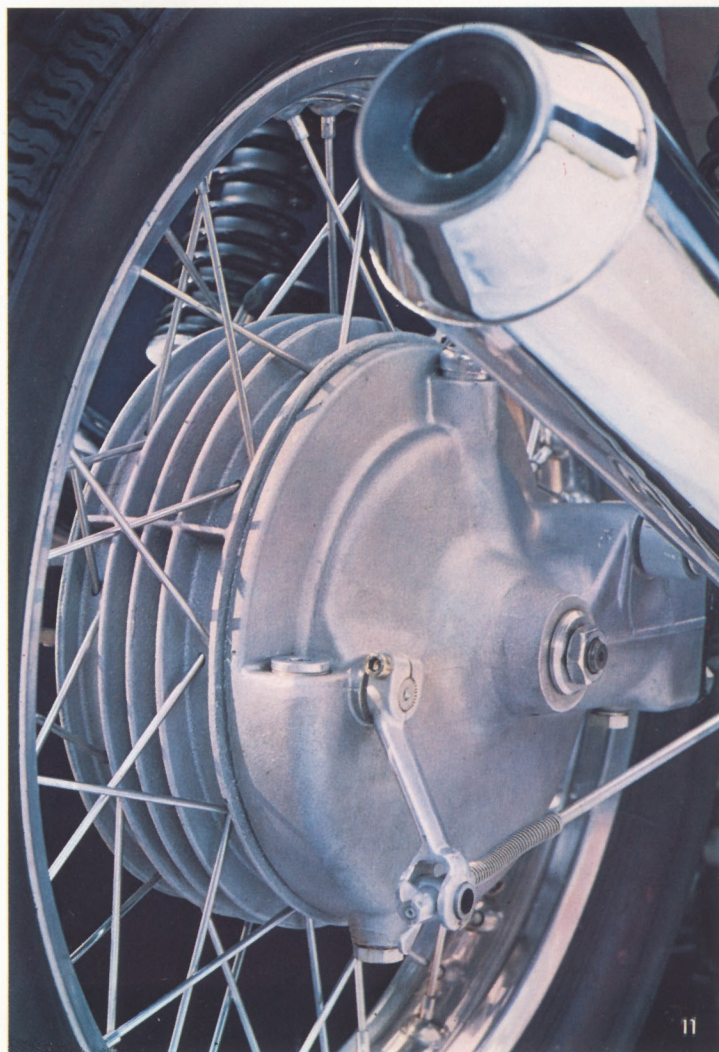
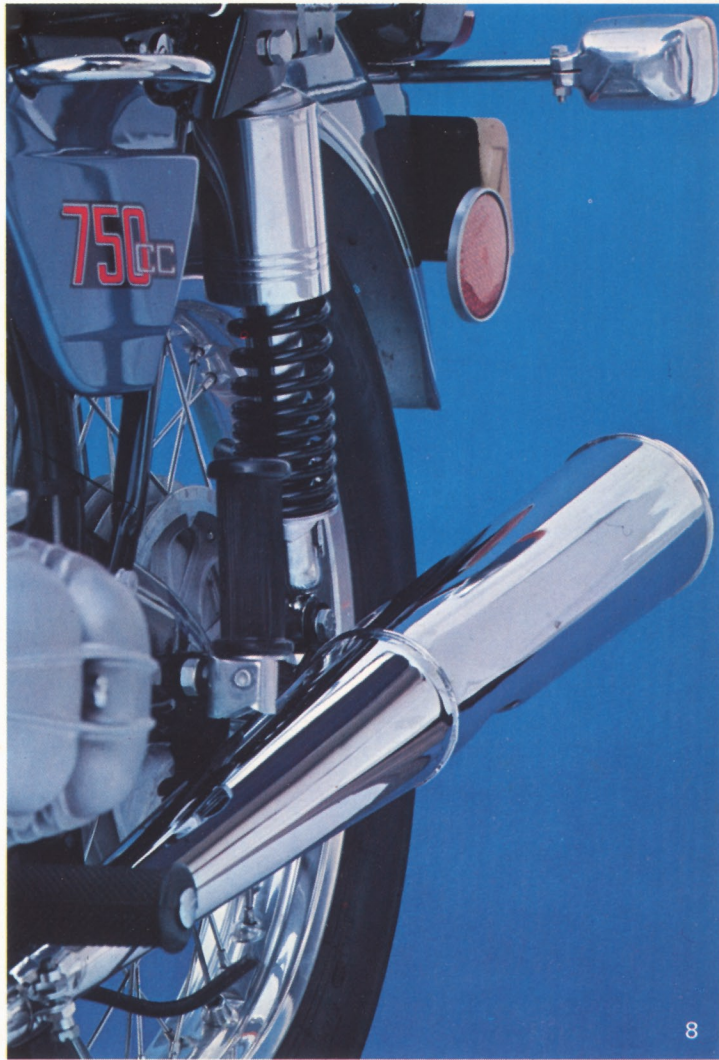
Nor is it surprising that the ribbing on a BMW's engine cover simultaneously adds visual interest to the machine and dampens engine sound. Or that the location of disc brake caliper yields a harmonious visual balance of front end components while also placing as much mass as possible behind the front wheel axis.

One area in styling is left up to you, of course. BMW offers a choice of seven different colors, each a vivid deep hued enamel with traditional hand-striping.

1. Functional instruments, designed for at-a-glance reading.
2. The rear passenger hand rails are safer than the usual grab-straps.
3. Black levers are glare-free.
4. Brake calipers are located close to the steering axis: behind the fork cross-tie for easy steering. Black anodized surfaces of the calipers ensure maximum heat dissipation.
5. These attractive ribs reduce engine sounds. And louvers provide cooling for the alternator.
6. The fork boot provides maximum protection from dust and water during all touring conditions.

7. Tail light with integrated stop light and rear reflector.
8. Slender, race-styled mufflers make BMW one of the quietest motorcycles in the world.
9. Even the turn indicators are unmistakably BMW.
10. The battery covers are fiberglass. Lightweight and damage resistant.
11. The drive shaft housing. Aesthetic and functional perfection.





Engineering

Whichever BMW motorcycle you decide upon, one thing remains constant from model to model: the uncompromising quality standards.

Take BMW's horizontally-opposed twin cylinder engine.

A product of dedicated engineering, the famed BMW flat twin is capable of brilliant performance, yet is decidedly civilized and completely reliable.

Or BMW's suspension. Handling is an area where genuine expertise is merely a starting point, and as you'd expect, no other machine comes close to BMW for perfectly balanced handling combined with complete riding comfort.

Then there's the assurance of BMW's worry-free, low maintenance operation. No other motorcycle can duplicate the ruggedness, the cleanliness, the peace of mind provided by BMW's famous shaft drive method of delivering engine power to the rear wheel. Because only BMW has had fifty years' experience in developing the shaft drive system to perfection.

BMW: synonymous with a superior engineering concept. BMW: synonymous with superior performance.

1. The floating calipers are adjustable via eccentric bolts.
2. Brake discs are manufactured from stainless steel.
3. The telescopic front fork has 8 inches of travel.
4. The R 90/6 and R 75/6 are equipped with Bing constant-velocity carburetors. The R 60/6 is equipped with slide carburetors.
5. 5-speed transmission with ratchet foot shifting mechanism and shock absorber on driveshaft.
6. Final drive via high tensile steel shaft with universal.
7. R 90/6 and R 75/6 have Alfin processed cylinders.

8. 3-phase alternator, 280 watt, with semiconductor rectifier.

9. Eaton oil pump. Performance: 370 gallons per hour at 6000 rpm.

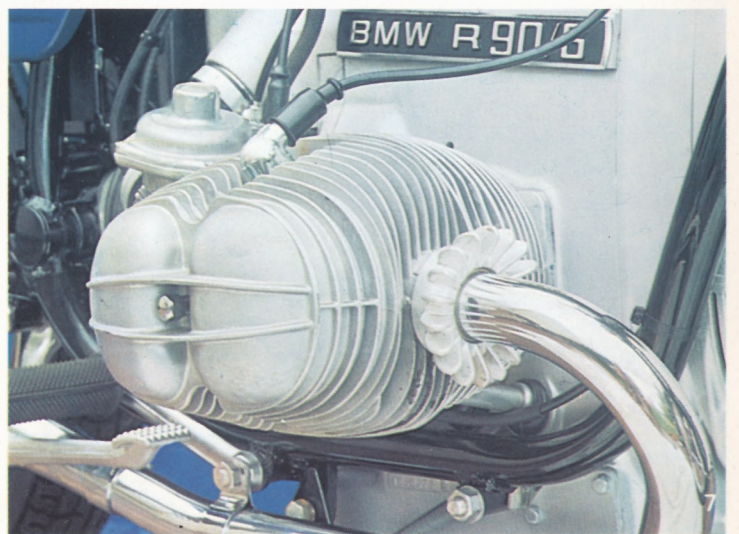
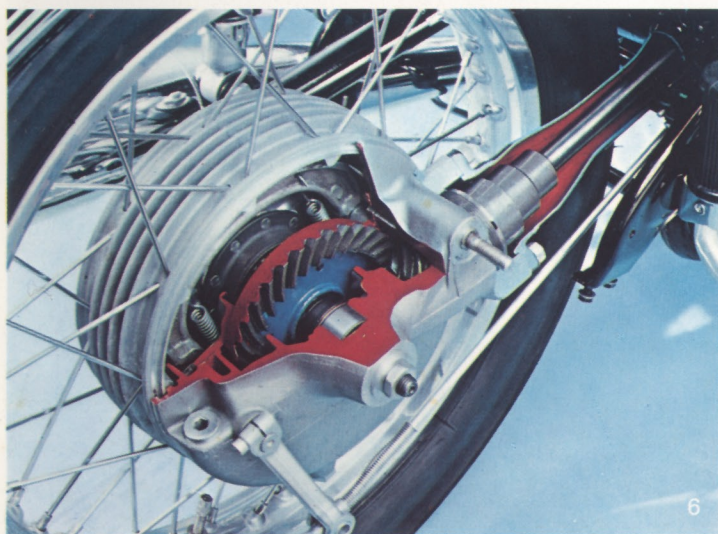
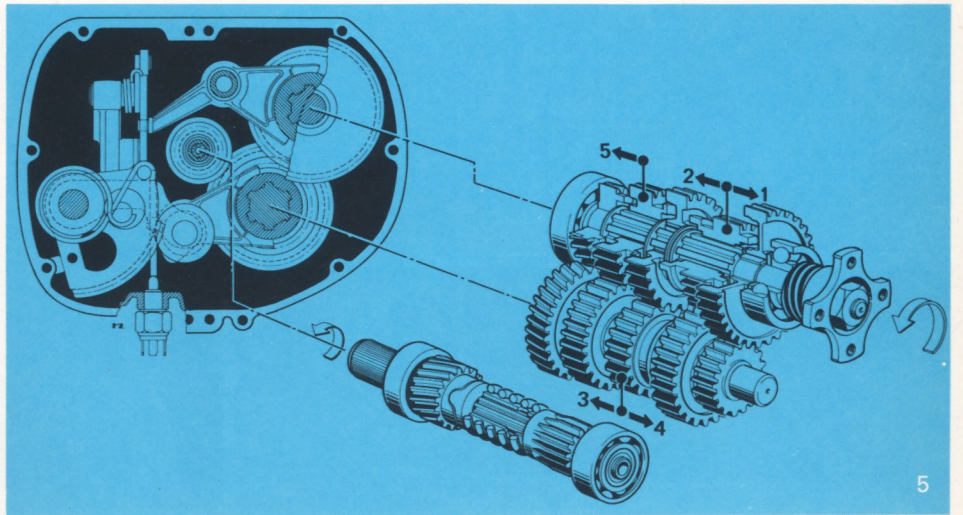
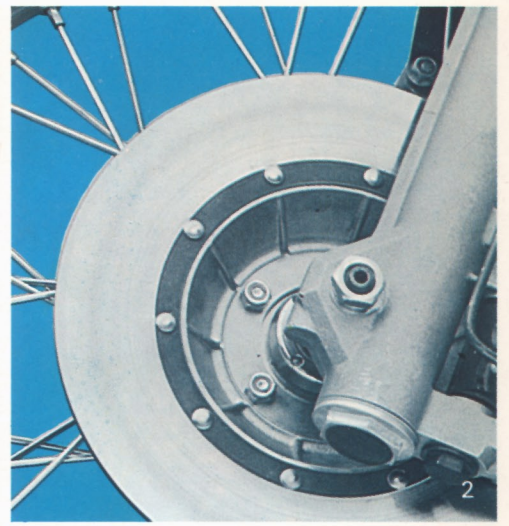
10. The double loop tube frame is welded by the Arcatom method. Bolts join rear section to main frame. The rear wheel swing arm is supported by tapered bearings and is completely adjustable for a total absence of play.

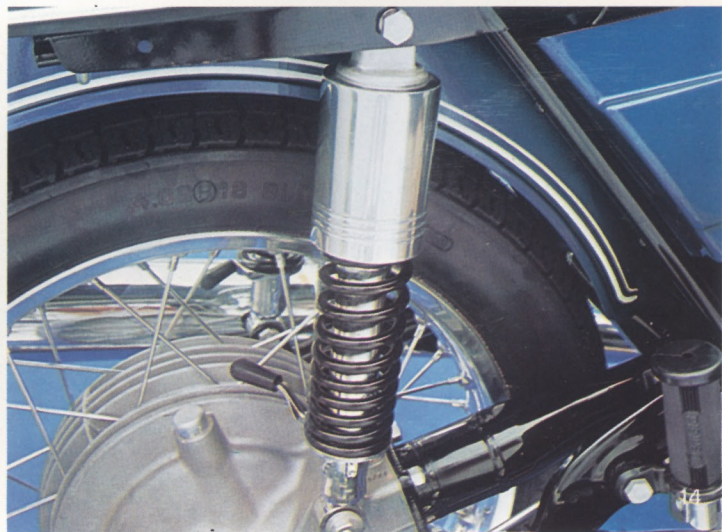
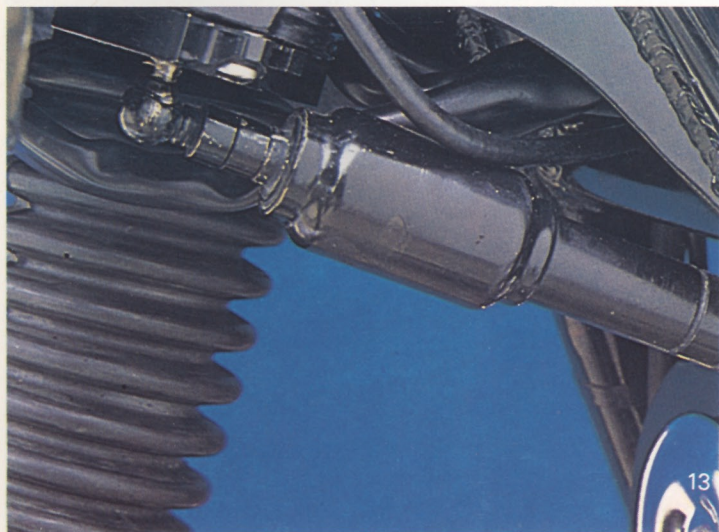
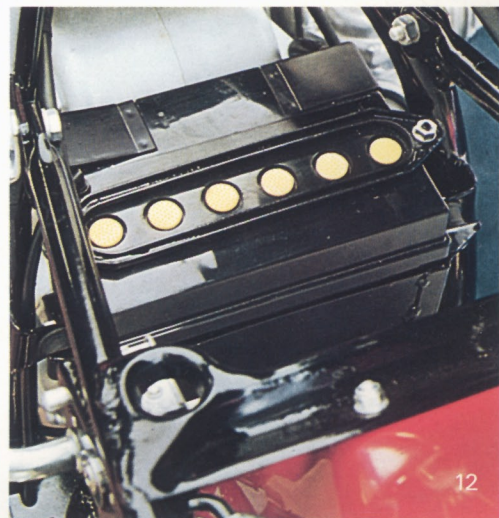
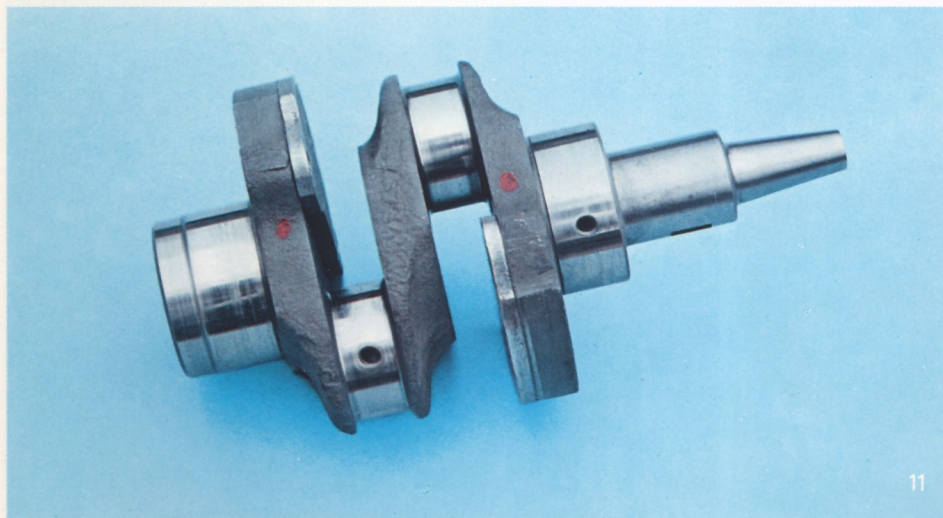
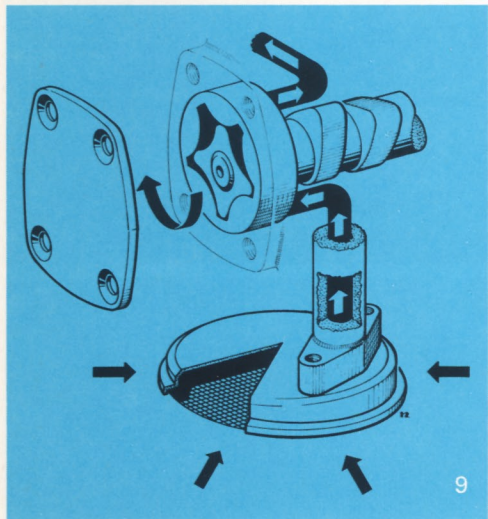
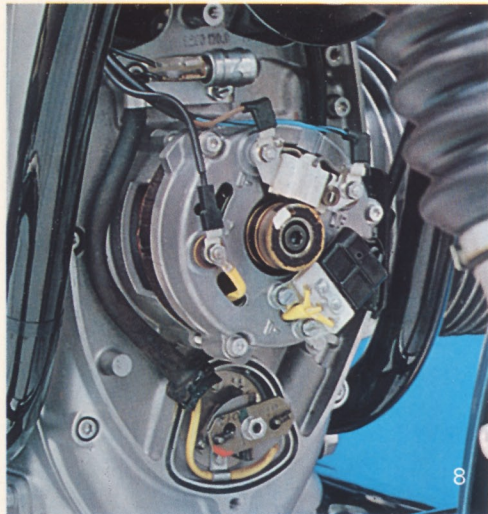
11. The one-piece, forged crankshaft with heavy-metal counterweights. Supported by solid main bearings.

12. 12V, 25 amp-hour battery.

13. The hydraulic steering damper, with 3-way adjustment.

14. Adjustable progressively wound springs with hydraulic damping mechanism. 5 inches of travel.





The BMW Experience

There may be motorcycles with cylinders, greater horsepower, flashier acceleration times.

But when it comes down to what the total motorcycling experience is all about, there is simply no alternative to a BMW.

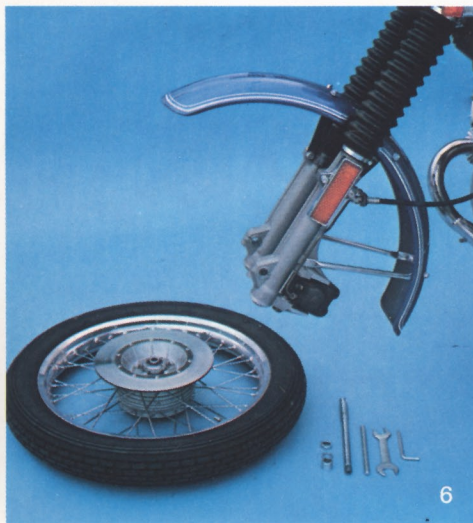
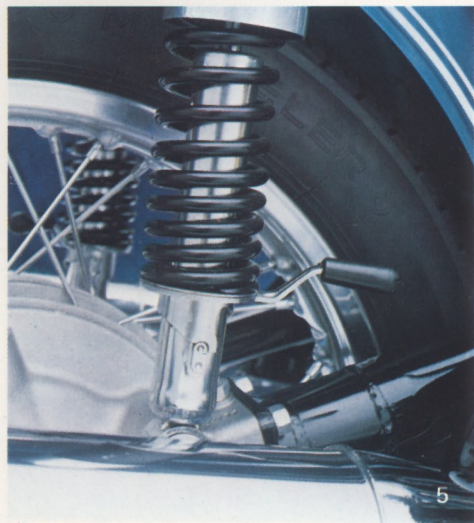
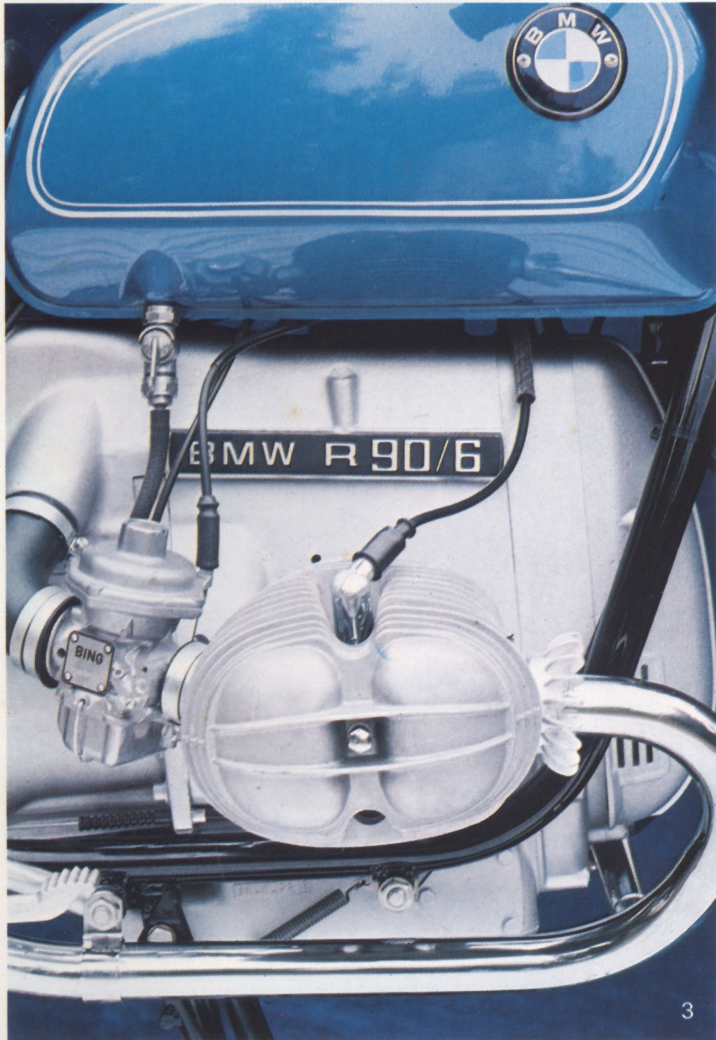
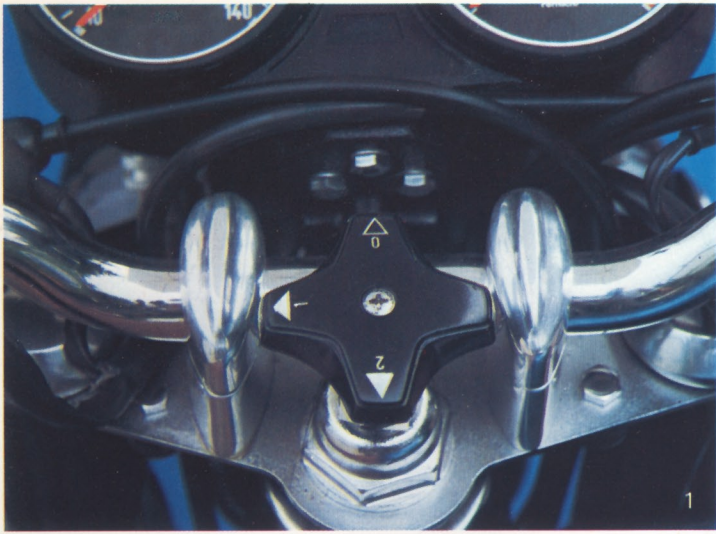
With each model, BMW's horsepower and torque ratings are genuine. They're real because BMW's power, extending over the widest possible range, is the kind you can use, honest because it's the kind that affects performance where it counts.

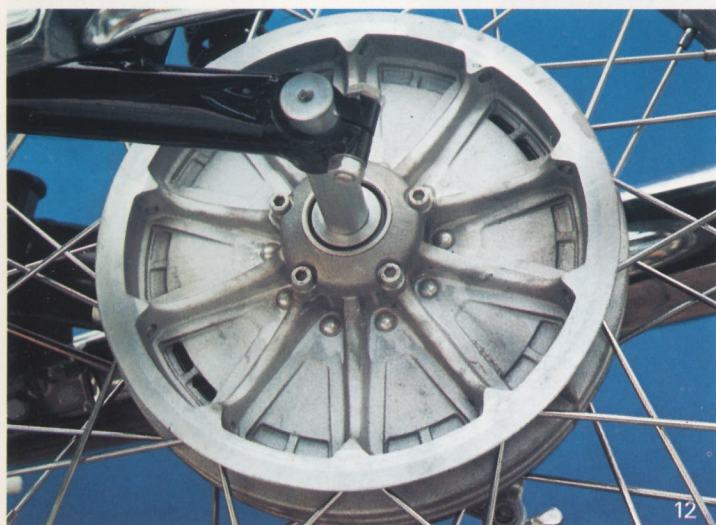
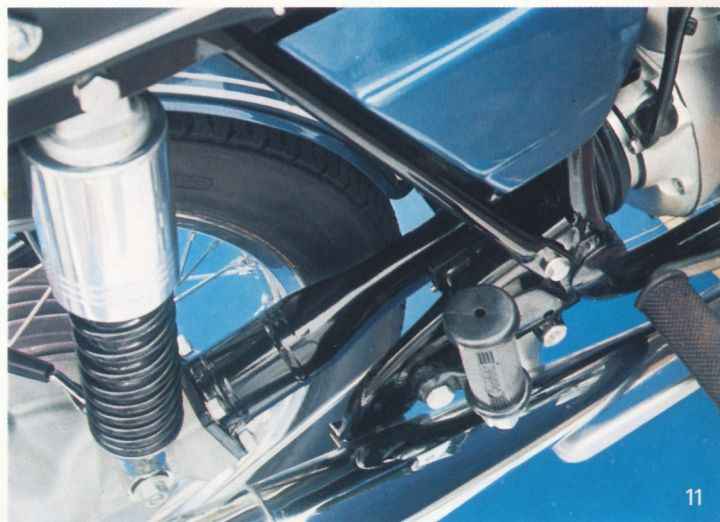
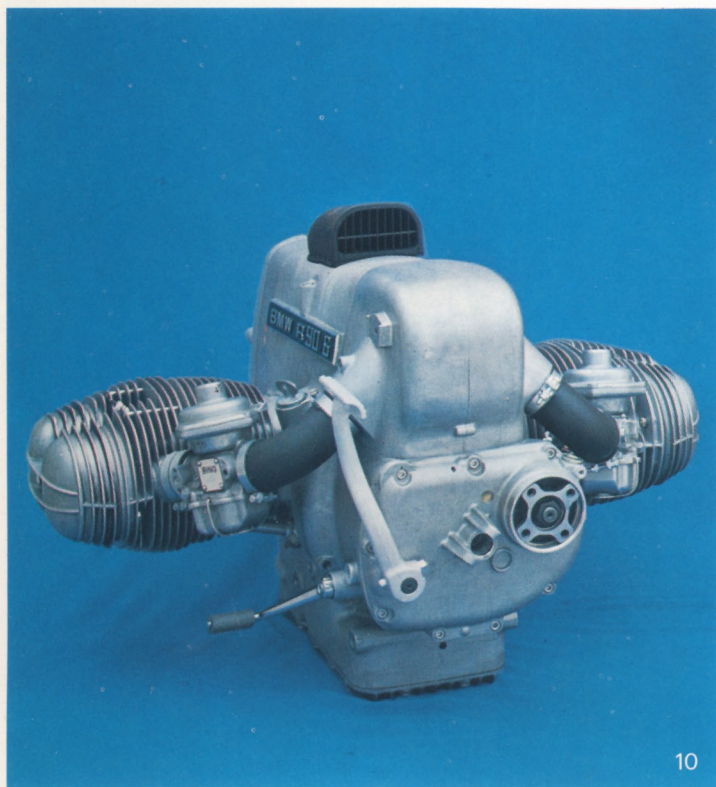
For BMW has the suspension, the reliability, the comfort to translate power into faster cornering, higher turnpike speeds, longer non-stop touring. In the country or in town, on short trips or on long ones, on good roads or on bad, only BMW has the overall balance of power to do it all, all the time.

Whatever you're looking for in motorcycling, discover BMW... and re-discover the joy of riding.

1. The three-stage steering damper is adjustable while the machine is in motion, to compensate for riding and highway conditions.
2. Quartz halogen headlight with 180 mm lens unequalled for illumination. Standard equipment on all models.
3. The engine block is completely enclosed yet accessible for service, so it's easy to clean.
4. The smooth operating, long travel front fork.
5. Three-way rear shock absorbers, adjustable without the need for a special tool.
6. Front wheel is easily removed.
7. Pull-out rear axle permits the rear wheel to be quickly removed from the machine.

8. Ignition and light switches are combined in a single safety lock.
9. Overall noise is held to an absolute minimum on a BMW.
10. The famous horizontally opposed twin cylinder engine. Powerful. Flexible. Capable of sustained high RPM operation with unsurpassed reliability and long life.
11. Trouble-free, clean and silent shaft drive.
12. Inspection window reveals color-coded linings for quick determination of wear.
13. Pressure-molded fiberglass fenders resist damage and are impervious to rust.





Equipment

From every well thought-out detail on every BMW comes the realization that these motorcycles are designed and built by men who love motorcycles and who love to ride.

Every BMW is loaded with features that make riding more enjoyable, ownership more gratifying. Like three-way rear shock absorbers, adjustable without a special tool. Spring-loaded side stand, for automatic retraction as soon as the machine is righted. Pressure-molded fiberglass fenders, resistant to denting and impervious to corrosion. Brake fluid warning light. Even individually-adjustable passenger pegs.

1. Tachometer. Speedometer, including both cumulative and trip odometers. Warning lights for brake fluid level, oil pressure, alternator output. Indicator lights for neutral and turn signals. The instruments are under glare-free glass.
2. Large storage compartment for tools, first aid kit, reserve bulbs, etc.
3. A complete high quality tool kit.
4. Two mirrors.
5. The 4.8 gallon tank permits a wide operating radius.
6. Powerful electric starter with auxiliary kick starter.

7. Passenger foot pegs are adjustable.
8. The side stand retracts automatically.
9. Cold engine starting assist.
10. Large comfortable seat.
11. The helmet can be attached to a special carrier and locked with the seat when parking.

Service

Your BMW will remain a stranger to your dealer's service shop. Because BMW's extraordinary reliability ensures that your machine won't be in there often, and the availability of factory trained mechanics and genuine replacement parts means that its stay won't be a long one whenever a check-up does become due. BMW: for the uninterrupted joy of riding.





BMW R 90/6

Engine: Max. output 67.5 hp (SAE) at 6700 rpm, max. torque 52.8 ft/lb (SAE) at 5500 rpm; bore 3.54" (90 mm); stroke 2.78" (70.6 mm); capacity 54.78 cu in (898 cc); compression ratio 9.0:1; 32 mm Bing constant velocity carburetors type V 64; fresh-air supply via Micronic air filter.

Transmission: 1st gear 4.40:1, 2nd gear 2.86:1, 3rd gear 2.07:1, 4th gear 1.67:1, 5th gear 1.50:1. Final drive ratio 3.09:1.

Tires/wheels: Front tire 3.25 H 19; rear tire 4.00 H 18.

Brakes: Front: Disc brake with floating caliper; dia. 10.24" (260 mm). Rear: Single leading shoe rear brake. Finned alloy hub; dia. 7.87" (200 mm); width 1.18" (30 mm).

Dimensions: Length 85.8" (2180 mm), width 29.1" (740 mm), saddle height 31.9" (810 mm), wheelbase (unladen) 57.7" (1465 mm).

Weight: 463 lbs (refer to DIN 70020 measurement) GVWR 881 lbs, GAWR front 396 lbs, rear 619 lbs.

Electrical system: 12-volt battery, alternator output 280 Watt three-phase current, dia. 7.1" (180 mm) headlight lens with H 4, 55/60 Watt-bulb starter 0.56 hp (DIN).

Fuel tank capacity: 4.8 US gals. Optional: 5.8 US gals.

Acceleration: Standing 1/4 mile in 14.0 sec.

BMW R 75/6

Engine: Max. output 57 hp (SAE) at 6400 rpm, max. torque 43.4 ft/lb (SAE) at 5000 rpm; bore 3.2" (82 mm); stroke 2.78" (70.6 mm); capacity 45.4 cu in (745 cc); compression ratio 9.0:1; 32 mm Bing constant velocity carburetors type V 64; fresh-air supply via Micronic air filter.

Transmission: 1st gear 4.40:1, 2nd gear 2.86:1, 3rd gear 2.07:1, 4th gear 1.67:1, 5th gear 1.50:1. Final drive ratio 3.20:1.

Tires/wheels: Front tire 3.25 S 19; rear tire 4.00 S 18.

Brakes: Front: Disc brake with floating caliper; dia. 10.24" (260 mm). Rear: Single leading shoe rear brake. Finned alloy hub; dia. 7.87" (200 mm); width 1.18" (30 mm).

Dimensions: Length 85.8" (2180 mm), width 29.1" (740 mm), saddle height 31.9" (810 mm), wheelbase (unladen) 57.7" (1465 mm).

Weight: 463 lbs (refer to DIN 70020 measurement) GVWR 881 lbs, GAWR front 396 lbs, rear 619 lbs.

Electrical system: 12-volt battery, alternator output 280 Watt three-phase current, dia. 7.1" (180 mm) headlight lens with H 4, 55/60 Watt-bulb starter 0.56 hp (DIN).

Fuel tank capacity: 4.8 US gals. Optional: 5.8 US gals.

Acceleration: Standing 1/4 mile in 15.1 sec.

BMW R 60/6

Engine: Max. output 46 hp (SAE) at 6600 rpm max. torque 35.4 ft/lb (SAE) at 5000 rpm; bore 2.89" (73.5 mm); stroke 2.78" (70.6 mm); capacity 36.5 cu in (599 cc); compression ratio 9.2:1; 26 mm Bing slide carburetors type V 53; fresh-air supply via Micronic air filter.

Transmission: 1st gear 4.40:1, 2nd gear 2.86:1, 3rd gear 2.07:1, 4th gear 1.67:1, 5th gear 1.50:1. Final drive ratio 3.36:1.

Tires/wheels: Front tire 3.25 S 19; rear tire 4.00 S 18.

Brakes: Front: Double leading shoe front brake. Finned alloy hub; dia. 7.87" (200 mm); width 1.18" (30 mm). Rear: Single leading shoe rear brake. Finned alloy hub; dia. 7.87" (200 mm) width 1.18" (30 mm).

Dimensions: Length 85.8" (2180 mm), width 29.1" (740 mm), saddle height 31.9" (810 mm), wheelbase (unladen) 57.7" (1465 mm).

Weight: 463 lbs (refer to DIN 70020 measurement) GVWR 881 lbs, GAWR front 396 lbs, rear 619 lbs.

Electrical system: 12-volt battery, alternator output 280 Watt three-phase current, dia. 7.1" (180 mm) headlight lens with H4, 55/60 Watt-bulb starter 0.56 hp (DIN).

Fuel tank capacity: 4.8 US gals. Optional: 5.8 US gals.

Acceleration: Standing 1/4 mile in 15.9 sec.

Information and Price List on European Delivery Plan are available on request. Sole U.S. Importer: **Butler & Smith, Inc.**
East: P. O. Box H, Norwood, New Jersey 07648. West: 135 East Stanley Street, Compton, California 90220
Canada: **BMW Motorcycle Distributors**, 204 Yorkland Blvd., Willowdale, Toronto, Ontario



Bavarian Motor Works